Changes for the Better

# MITSUBISHI

# **REPLACEMENT GUIDANCE**

(For GOT1000 series)

GOT-F900 Series A950 Handy Series



GOT-F900 Series A950 Handy Series



## **REPLACEMENT GUIDANCE**

GOT-F900 Series, A950 Handy Series → GOT1000 Series

Information \_

This document describes methods to replace GOT-F900 Series and A950 Handy Series HMIs with GOT1000 Series HMIs. GT Designer2 Classic and GT Designer3 Version1 are used to update the screen data. Please refer to the various GOT manuals for details regarding the functions and specifications of the various GOTs. In addition, please refer to the GT Designer2 Classic and GT Designer3 Version1 manuals for details regarding GT Designer2 Classic and GT Designer3 Version1.

#### **Registered Trademarks**

Company and product names mentioned in this manual are all registered trademarks and brands of their respective companies.

The manual	number is gi	ven on the	bottom left	of the bac	k cover.
The manual	number ie gr		bottom lon		00101.

Print Date	Manual Number	Ver.	Revision
2009/10	JY997D39301	Α	First edition

This manual confers no industrial property rights or any rights of any other kind, nor does it confer any patent licenses. Mitsubishi Electric Corporation cannot be held responsible for any problems involving industrial property rights which may occur as a result of using the contents noted in this manual.

## Contents

Contents	A-3
1. REPLACEMENT MODEL SUMMARY	1-1
1.1 Introduction to Replacement Models	1-1
1.2 Comparison of Specifications	
1.2.1 Comparison between F920GOT-BBD5-K,(-C),(-E) and GT1030-LBLW	
1.2.2 Comparison between F920GOT-BBD-K,(-C),(-E) and GT1030-LBDW	
1.2.3 Comparison between F930GOT-BBD-K,(-C),(-E) and GT1040-QBBD	1-7
1.2.4 Comparison between F930GOT-BWD,(-C),(-E),(-T) and GT1030-LWDW	
1.2.5 Comparison between F933GOT-BWD and GT1030-LWDW2	
1.2.6 Comparison between F940GOT-LWD,(-C),(-E)/F943GOT-LWD and GT1050-QBBD	
1.2.7 Comparison between F940GOT-SWD,(-C),(-E)/F943GOT-SWD and GT1055-QSBD 1.2.8 Comparison between F940GOT-LBD-H,(-E)/RH,(-E) and GT1150HS-QLBD	
1.2.9 Comparison between F943GOT-LBD-H,(-E)/RH,(-E) and GT1150HS-QLBD	
1.2.10 Comparison between F940GOT-SBD-H,(-E)/RH,(-E) and GT1155HS-QSBD	
1.2.11 Comparison between F943GOT-SBD-H,(-E)/RH,(-E) and GT1155HS-QSBD	
1.2.12 Comparison between A950/953GOT-LBD-M3-H and GT1150HS-QLBD	
1.2.13 Comparison between A950/953GOT-SBD-M3-H and GT1155HS-QSBD	
1.2.14 Comparison between F940WGOT-TWD,(-C),(-E) and GT1155-QTBD/GT1555-VTBD	
1.3 Comparison of Functions	
1.3.1 Comparison of functions between the A95[]GOT-[]BD-M3-H and GT115[]HS-Q[]BD	
1.3.2 Comparison of functions between the F900 Series and GOT1000 Series 1.3.3 Connectable model list	
	1-55
2. HARDAWARE	2-1
2.1 Control Panel Interior Dimensions for Mounting GOT	2-1
2.1.1 GT155[ ]	2-1
2.1.2 GT11	
2.1.3 GT1020	
2.1.4 GT1030	
2.1.5 GT104[ ] 2.1.6 GT105[ ]	
2.2 Panel Cutting Dimensions	
2.2.1 Attachment	
2.3 Mounting Position	
2.3.1 Mounting position	
2.3.2 Control panel temperature and mounting angle	
2.4 Cable	2-10
2.4.1 Cable compatibility	
2.4.2 Connection cable for GT10	
2.4.3 Connection cable for GT11	
2.4.4 Connection cable for Handy GOT	
2.4.5 Communication unit and connection cable for GT155[]	2-21

3. SCREEN DATA CONVERSION	3-1
3.1 Target Screen Data 3.2 Screen Data Conversion Pattern	
3.3 General Procedure for Replacing with Later Models 3.3.1 General procedure for replacing by later models	
4. SCREEN DATA CONVERSION OPERATION	4-1
4.1 [STEP1] Requirements for Conversion Operation	4-1
4.2 [STEP2] Importing Screen Data	
4.2.1 Uploading data 4.2.2 RS-232 cable to be used	
4.2.3 Setting communication	4-8
4.2.4 Uploading	
4.3 [STEP3] Confirming Screen Data	
4.3.1 Uploading with GT Designer2 Classic 4.3.2 When screen data is stored in the PC as a file	
4.4 [STEP4] Saving Data in GT Designer2 Format	4-12
4.4.1 For A9GOTP.GOT	
4.4.2 For screen data created with FX-PCS-DU/WIN	
4.5 [STEP5] Converting and Saving Screen Data 4.5.1 Converting to GOT1000 Series screen data	
-	
5. PROJECT DATA COMPATIBILITY TABLE	
5.1 GT Designer2 Classic (F900) $\rightarrow$ GT Designer3	
5.1.1 Common 5.1.2 Object	
5.1.3 Figure	
5.2 GT Designer2 Classic (A95[ ]GOT) $\rightarrow$ GT Designer3 (GT11)	5-5
5.2.1 Common	
5.2.2 Object 5.2.3 Figure	
5.3 FX-PCS-DU/WIN (F900) → GT Designer3	
5.3.1 View/Project	5-6
5.3.2 Object	5-7

6. CONFIRMATION AND SETTINGS AFTER	
CONVERSION	6-1
6.1 GT Designer2 Classic (F900) $\rightarrow$ GT Designer3	6-1
6.1.1 [Common] System Environment-System Settings	
6.1.2 [Common] System Environment-Auxiliary Setting	
6.1.3 [Common] System Environment-System Information	
6.1.4 [Common] System Environment-Screen Switching	
6.1.5 [Common] System Environment-Password	6-7
6.1.6 [Common] System Environment-GOT Setup	
6.1.7 [Common] System Environment-Language	
6.1.8 [Common] System Environment-Handy GOT	
6.1.9 [Common] System Environment-Serial Port	
6.1.10 [Common] Operation Panel	
6.1.11 [Common] Alarm History 6.1.12 [Common] Floating Alarm	
6.1.13 [Object] Bit Switch	
6.1.14 [Object] Data Set Switch	
6.1.15 [Object] Special Function Switch	
6.1.16 [Object] Go to Screen Switch	
6.1.17 [Object] Data Change Switch	
6.1.18 [Object] Recipe Transfer Switch	
6.1.19 [Object] Key Code Switch	6-30
6.1.20 [Object] Multi Action Switch	
6.1.21 [Object] Bit lamp Area	
6.1.22 [Object] Screen lamp	
6.1.23 [Object] External lamp	
6.1.24 [Object] Numerical Display	
6.1.25 [Object] Numerical Input 6.1.26 [Object] Ascii Display	
6.1.27 [Object] Ascii Input	
6.1.28 [Object] Date Display	
6.1.29 [Object] Time Display	
6.1.30 [Object] Bit Comment	
6.1.31 [Object] Word Comment	
6.1.32 [Object] Alarm History	
6.1.33 [Object] Alarm List	
6.1.34 [Object] Word Parts	
6.1.35 [Object] Panelmeter	
6.1.36 [Object] Line/Trend/Bar Graph	
6.1.37 [Object] Circle Graph	
6.1.38 [Object] Keyboard 6.1.39 [Object] Buzzer	
6.1.40 [Figure] Text	
$6.2 \text{ FX-PCS-DU/WIN (F900)} \rightarrow \text{GT Designer3}$	
6.2.1 [View/Project] Screen List	
6.2.2 [View/Project] Alarm	
6.2.3 [View/Project] Project Settings	
6.2.4 [View/Project] Interface Devices	
6.2.5 [View/Project] Entry Code	
6.2.6 [View/Project] Setup Data	
6.2.7 [Object] Image	
6.2.8 [Graph] Bar Graph	
6.2.9 [Object] Date	
6.2.10 [Object] Time	6-77

7-1
7-1 7-1 7-2
8-1
8-1 8-3 8-3 8-4
9-1
9-1 9-1 9-7 9-9 9-9

#### ■ Table of related manuals

The following manuals are also related to this guide. If necessary, order them by quoting the details in the tables below.

**Related Manuals** Manual Number Manual Name (Model Code) JY992D94701 GOT-F900 Series Operation Manual [GT Designer, FX-PCS-DU/WIN] (Sold separately) (09R804) JY997D09101 GOT-F900 Series Operation Manual [GT Designer2] (Sold separately) (09R813) JY992D94801 GOT-F900 Series Hardware Manual [Connection] (Sold separately) (09R805) GT11 User's Manual JY997D17501 Describes the GT11 hardware-relevant content such as part names, external dimensions, mounting, power supply (09R815) wiring, specifications, and introduction to option devices. (Sold separately) Handy GOT User's Manual JY997D20101 Describes the handy GOT hardware-relevant content such as part names, external dimensions, specifications, and (09R817) introduction to option devices, and also describes utility, system configurations and cable creation. (Sold separately) GT10 User's Manual JY997D24701 Describes the GT10 hardware-relevant content such as part names, external dimensions, mounting, power supply (09R819) wiring, specifications, and introduction to option devices. (Sold separately) GT Designer2 Version2 Basic Operation/Data Transfer Manual (For GOT1000 Series) SH-080529ENG Describes methods of the GT Designer2 installation operation, basic operation for drawing and transmitting data to GOT1000 (1D7M24) series. (Sold separately) GT Designer3 Version1 Screen Design Manual (Fundamentals) SH-080866ENG GT Designer3 Version1 Screen Design Manual (Functions) 1/2 (1D7MB9) SH-080867ENG GT Designer3 Version1 Screen Design Manual (Functions) 2/2 (1D7MC1) (Sold separately)

#### ■ ABBREVIATIONS AND GENERIC TERMS

Abbreviations and generic terms used in this manual are as follows:

At	Abbreviations and generic terms		Description		
	GT SoftGOT1000	I	Abbreviation of GT SoftGOT1000		
	GT1595	GT1595-X	Abbreviation of GT1595-XTBA, GT1595-XTBD		
	074505	GT1585V-S	Abbreviation of GT1585V-STBA		
	GT1585	GT1585-S	Abbreviation of GT1585-STBA, GT1585-STBD		
		GT1575V-S	Abbreviation of GT1575V-STBA		
		GT1575-S	Abbreviation of GT1575-STBA, GT1575-STBD		
	GT157	GT1575-V	Abbreviation of GT1575-VTBA, GT1575-VTBD		
		GT1575-VN	Abbreviation of GT1575-VNBA, GT1575-VNBD		
		GT1572-VN	Abbreviation of GT1572-VNBA, GT1572-VNBD		
	_	GT1565-V	Abbreviation of GT1565-VTBA, GT1565-VTBD		
	GT156	GT1562-VN	Abbreviation of GT1562-VNBA, GT1562-VNBD		
		GT1555-V	Abbreviation of GT1555-VTBD		
	GT155	GT1555-Q	Abbreviation of GT1555-QTBD, GT1555-QSBD		
		GT1550-Q	Abbreviation of GT1550-QLBD		
GOT1000	GT15□□, GT15	-	Abbreviation of GT1595, GT1585, GT157□, GT156□, GT155□		
Series	GT115	GT1155-Q	Abbreviation of GT1155-QTBDQ, GT1155-QSBDQ, GT1155-QTBDA, GT1155- QSBDA, GT1155-QSBDA, GT1155-QSBD		
	orno <u></u>	GT1150-Q	Abbreviation of GT1150-QLBDQ, GT1150-QLBDA, GT1150-QLBD		
	Handy GOT	GT1155HS-Q	Abbreviation of GT1155HS-QSBD		
		GT1150HS-Q	Abbreviation of GT1150HS-QLBD		
	GT11□□, GT11		Abbreviation of GT1155-Q, GT1150-Q, GT11 Handy GOT		
		GT1055-Q	Abbreviation of GT1055-QSBD		
	GT105	GT1050-Q	Abbreviation of GT1050-QBBD		
		GT1045-Q	Abbreviation of GT1045-QSBD		
	GT104□	GT1040-Q	Abbreviation of GT1040-QBBD		
	GT1030		Abbreviation of GT1030-LBD, GT1030-LBD2, GT1030-LBDW, GT1030-LBDW2, GT1030-LWD GT1030-LWD2, GT1030-LWDW, GT1030-LWDW2		
	GT1020		Abbreviation of GT1020-LBD, GT1020-LBD2, GT1020-LBL, GT1020-LBDW, GT1020-LBDW2, GT1020-LBLW, GT1020-LWD, GT1020-LWD2, GT1020-LWDW, GT1020-LWDW2, GT1020-LWL, GT1020-LWLW		
	GT10□□, GT10		Abbreviation of GT105□, GT104□, GT1030, GT1020		
	F940WGOT	Abbreviation of F9	40WGOT-TWD		
		F940GOT	Abbreviation of F940GOT-SWD, F940GOT-LWD, F940GOT-SBD-H, F940GOT-LBD-H, F940GOT-SBD-RH, F940GOT-LBD-RH		
GOT-F900 Series	F94□GOT	F943GOT	Abbreviation of F943GOT-SWD, F943GOT-LWD, F943GOT-SBD-H, F943GOT-LBD-H, F943GOT-SBD-RH, F943GOT-LBD-RH		
	500 7 6 6 7	F930GOT	Abbreviation of F930GOT-BWD, F930GOT-BBD-K		
	F93□GOT	F933GOT	Abbreviation of F933GOT-BWD		
	F92□GOT	F920GOT	Abbreviation of F920GOT-BBD-K, F920GOT-BBD5-K		
GOT-A900		A950GOT	Abbreviation of A950GOT-LBD-M3-H, A950GOT-SBD-M3-H		
Series	A95□GOT	A953GOT	Abbreviation of A953GOT-LBD-M3-H, A953GOT-SBD-M3-H		

## 1.1 Introduction to Replacement Models

The recommended models for replacement are the models which have no/few restrictions in use when a GOT-F900 Series or A950 Handy Series is replaced with a GOT1000 Series. Models other than the recommended models may be selectable depending on the usage in your system. Confirm the specification and range of the existing system before selecting the model.

Туре	GOT-F900 Series, A950 Handy Series	Recommended model for replacement (GOT1000 Series)	Panel cutting compatibility ○: Compatible △: Not compatible (Compatible by using attachment) ×: Not compatible	Attachment to be used	
	F920GOT-BBD5-K			N/A	
	F920GOT-BBD5-K-C	GT1030-LBLW	×		
	F920GOT-BBD5-K-E				
Manuata di ana mana di	F920GOT-BBD-K				
Mounted on panel (with keypad <sup>*1</sup> )	F920GOT-BBD-K-E	GT1030-LBDW	×	N/A	
()paa )	F920GOT-BBD-K-C				
	F930GOT-BBD-K			N/A	
	F930GOT-BBD-K-E	GT1040-QBBD	×		
	F930GOT-BBD-K-C				
	F930GOT-BWD		0	Not required	
	F930GOT-BWD-C	GT1030-LWDW			
	F930GOT-BWD-E	GT1030-LWDW			
	F930GOT-BWD-T				
	F933GOT-BWD	GT1030-LWDW2	0	Not required	
	F940GOT-LWD		0	Not required	
	F940GOT-LWD-C	GT1050-QBBD			
Manuata di ana ana at	F940GOT-LWD-E				
Mounted on panel	F940GOT-SWD				
	F940GOT-SWD-C	GT1055-QSBD	0	Not required	
	F940GOT-SWD-E				
	F943GOT-LWD	GT1050-QBBD	0	Not required	
	F943GOT-SWD	GT1055-QSBD	0	Not required	
	F940WGOT-TWD		Δ	GT15-50ATT-95W*4	
	F940WGOT-TWD-C	GT1155-QTBD GT1555-VTBD <sup>*2*3</sup>			
	F940WGOT-TWD-E	GT 1000-VIBD			

\*1 The screen size of recommended models for replacement for the display with keypad is selected so that the keypad function can be substituted with a touch screen.

\*2 Different resolution.

\*3 The current consumption increases. Check if the supply capacity of the power supply device before replacement is sufficient.

\*4 GOTs replaced with the attachment are compliant with IP4X but not with the standard IP65f for waterproof and dustproof.

REPLACEMENT MODEL SUMMARY

2

HARDAWARE

3

SCREEN DATA CONVERSION

4

SCREEN DATA CONVERSION OPERATION

5

PROJECT DATA COMPATIBILITY TABLE

6

CONFIRMATION AND SETTINGS AFTER CONVERSION

Туре	GOT-F900 Series, A950 Handy Series	Recommended model for replacement (GOT1000 Series)	Panel cutting compatibility ○: Compatible △: Not compatible (Compatible by using attachment) ×: Not compatible	Attachment to be used	
	F940GOT-LBD-H				
	F940GOT-LBD-H-E	GT1150HS-QLBD	N/A	N/A	
	F940GOT-LBD-RH	GTTISOTIS-QLDD	N/A	N/A	
	F940GOT-LBD-RH-E				
	F940GOT-SBD-H			N/A	
	F940GOT-SBD-H-E		N/A		
	F940GOT-SBD-RH	GT1155HS-QSBD			
	F940GOT-SBD-RH-E				
	F943GOT-LBD-H		N/A	N/A	
Llandy	F943GOT-LBD-H-E				
Handy	F943GOT-LBD-RH	GT1150HS-QLBD			
	F943GOT-LBD-RH-E				
	F943GOT-SBD-H		N/A		
	F943GOT-SBD-H-E	GT1155HS-QSBD		N/A	
	F943GOT-SBD-RH	GT 1155H3-Q3BD	IN/A	N/A	
	F943GOT-SBD-RH-E				
	A950GOT-LBD-M3-H	GT1150HS-QLBD	N/A	N/A	
	A950GOT-SBD-M3-H	GT1155HS-QSBD	N/A	N/A	
	A953GOT-LBD-M3-H	GT1150HS-QLBD	N/A	N/A	
	A953GOT-SBD-M3-H	GT1155HS-QSBD	N/A	N/A	

#### **Comparison of Specifications** 1.2

#### Comparison between F920GOT-BBD5-K,(-C),(-E) and GT1030-LBLW 1.2.1 Item F920GOT-BBD5-K,(-C),(-E) GT1030-LBLW MITSUBISHI GOTIODO External shape • F920GOT-BBD5-K,(-C): Conformed standard CE(EMC), UL/cUL • F920GOT-BBD5-K-E: CE(EMC), UL/cUL STN monochrome (white/blue) LCD STN monochrome (white/black) LCD Type Screen size 3' 4.5 Resolution 128 × 64 dots 288 × 96 dots Display size 60(W) × 30(H) [mm] 109.42(W) × 35.98(H) [mm] (Horizontal format) 16dot standard font: 36 characters × 6 lines (Horizontal format) Display character 16 characters × 4 lines 12dot standard font: 48 characters × 8 lines (Horizontal format) Display section Display color Monochrome (white/blue) Monochrome (white/black) SCREEN DATA CONVERSION OPERATION Left/Right: 40 degrees, Left/Right: 30 degrees, Top: 20 degrees, Display angle Top/Bottom: 40 degrees Bottom: 30 degrees (Horizontal format) Contrast adjustment Available 16-level adjustment Intensity adjustment 8-level adjustment Approx. 50,000 h Approx. 50,000 h Life (Operating ambient temperature: 25 °C) (Operating ambient temperature: 25 °C) PROJECT DATA COMPATIBILITY TABLE Max. number of 500 screens 1024 screens registered screens LED (No replacement required) LED (No replacement required) Туре Backlight [Auto power off] [Backlight status (On/Blink/Off) controllable, Screen saving time settable] Life White/Red Color 3 colors (white/pink/red) CONFIRMATION AND SETTINGS AFTER CONVERSION Туре Matrix resistive film Number of touch keys \_ 50 keys/screen Touch panel Key size \_ Minimum 16 × 16 dots (per key) Number of points touched Maximum of 2 points simultaneously For screen data Built-in flash memory 128 Kbytes Built-in flash memory 1.5 Mbytes Jser program Memory EEPROM: For storing built-in alarm history, For other data SRAM: For storing built-in alarm history (alarm log file) and recipe data recipe data, etc. GT11-50BAT lithium battery Туре \_ WRITING PROJECT DATA AND OS TO THE GOT Battery Backup target \_ Clock data, Alarm history, and Recipe data Life Battery life: approx. 5 years (Operating ambient temperature: 25 °C) -

1. REPLACEMENT MODEL SUMMARY 1.2 Comparison of Specifications

REPLACEMENT MODEL SUMMARY

2

HARDAWARE

3

SCREEN DATA CONVERSION

4

5

6

7

COMPATIBILITY OF SYSTEM SCREENS

	ltem	F920GOT-BBD5-K,(-C),(-E)	GT1030-LBLW
Built-in interface	RS-422/485 (Common)	-	[H/W version: B or later] RS-422/485, 1ch Connector shape: Connector terminal block 9 pins, Application: PLC communication Terminating resistor: Open/110 Ω/330 Ω (Switched by terminator switch) [H/W version: A] RS-422, 1ch Connector shape: Connector terminal block 9 pins, Application: PLC communication
Built-ir	RS-422	RS-422, 1ch Connector shape: D-sub 9 pins (Female) Application: PLC communication	-
	RS-232	RS-232, 1ch Connector shape: D-sub 9 pins (Male) Application: PC connection, PLC communication	RS-232, 1ch Connector shape: Mini-DIN 6 pins (Female) Application: PC connection, Barcode reader connection
Switch	Switch 1	[Function key] 6 switches [Numeric keypad] 0 to 9, (-), (.) [Cusor key] ENT, ESC, SET, DEV, Left/Right/Top/Bottom	-
	Buzzer output	Single tone	Single tone (Long/Short/Off adjustable)
	Protective structure	Equivalent to IP65f (Front section)	Equivalent to IP67f (Front section)
E	External dimensions	106(W)×134(H)×35.5(D) [mm]	145(W)×76(H)×29.5(D) [mm]
Pa	nel cutting dimensions	92(+1 -0)(W)×119(+1 -0)(H) [mm]	137(+1 -0)(W)×66(+1 -0)(H) [mm]
(Exc	Weight luding installation fitting)	0.3 kg	0.3 kg

#### 1.2.2 Comparison between F920GOT-BBD-K,(-C),(-E) and GT1030-LBDW

	Item		F920GOT-BBD-K,(-C),(-E)	GT1030-LBDW
	External sha	ape		
С	Conformed sta	indard	• F920GOT-BBD-K,(-C): - • F920GOT-BBD-K-E: CE(EMC)	CE(EMC), UL/cUL
	Тур	е	STN monochrome (white/blue) LCD	STN monochrome (white/black) LCD
Ī	Screen	size	3"	4.5"
Ī	Resolu	ution	128 × 64 dots	288 × 96 dots
ľ	Display	size	60(W)×30(H) [mm]	109.42(W) × 35.98(H) [mm] (Horizontal format)
	Display ch	naracter	16 characters × 4 lines	16dot standard font: 36 characters × 6 lines (Horizontal format) 12dot standard font: 48 characters × 8 lines (Horizontal format)
	Display	color	Monochrome (white/blue)	Monochrome (white/black)
	Display	angle	Left/Right: 40 degrees, Top/Bottom: 40 degrees	Left/Right: 30 degrees, Top: 20 degrees, Bottom: 30 degrees (Horizontal format)
,	Contrast ad	ljustment	Available	16-level adjustment
-	Intensity ad	ljustment	-	8-level adjustment
ľ			Approx. 50,000 h	Approx. 50,000 h
	Life	9	(Operating ambient temperature: 25 $^{\circ}\!C)$	(Operating ambient temperature: 25 °C)
	Max. num registered		500 screens	1024 screens
211	Тур	e	LED (No replacement required) [Auto power off]	LED (No replacement required) [Backlight status (On/Blink/Off) controllable, Screen saving time settable]
	Life	e	-	-
	Colo	or	White/Red	3 colors (white/pink/red)
	Тур	е	-	Matrix resistive film
Ī	Number of to	ouch keys	-	50 keys/screen
	Key s	ize	-	Minimum 16×16 dots (per key)
	Number o touch simultane	ned	-	Maximum of 2 points
ľ	Life	9	-	1,000,000 times or more (operating force 0.98 N max.)
	For sci	reen data	128 Kbytes	Built-in flash memory 1.5 Mbytes or less
	User	ther data	EEPROM: For storing built-in alarm history, recipe data, etc.	SRAM: For storing built-in alarm history (alarm log file) and recipe data
	Тур	e		GT11-50BAT lithium battery
	Backup	target	-	Clock data, Alarm history, and Recipe data
נ	Life		_	Battery life: approx. 5 years (Operating ambient temperature: 25 °C)

1

	Item	F920GOT-BBD-K,(-C),(-E)	GT1030-LBDW
Built-in interface	RS-422/485 (Common)	-	[H/W version: B or later] RS-422/485, 1ch Connector shape: Connector terminal block 9 pins, Application: PLC communication Terminating resistor: Open/110 Ω/330 Ω (Switched by terminator switch) [H/W version: A] RS-422, 1ch Connector shape: Connector terminal block 9 pins, Application: PLC communication
Bui	RS-422	RS-422, 1ch, For PLC communication	-
	RS-232	RS-232, 1ch Connector shape: D-sub 9 pins (Male) Application: PC connection, PLC communication	RS-232, 1ch Connector shape: Mini-DIN 6 pins (Female) Application: PC connection, Barcode reader connection
Switch	Switch 1	[Function key] 6 switches [Numeric keypad] 0 to 9, (-), (.) [Cusor key] ENT, ESC, SET, DEV, Left/Right/Top/Bottom	-
	Buzzer output	Single tone	Single tone (Long/Short/Off adjustable)
Protective structure		Equivalent to IP65f (Front section)	Equivalent to IP67f (Front section)
E	External dimensions	106(W)×134(H)×35.5(D) [mm]	145(W)×76(H)×29.5(D) [mm]
Par	nel cutting dimensions	92(+1 -0)(W)×119(+1 -0)(H) [mm]	137(+1 -0)(W)×66(+1 -0)(H) [mm]
(Excl	Weight luding installation fitting)	0.3 kg	0.3 kg

#### 1.2.3 Comparison between F930GOT-BBD-K,(-C),(-E) and GT1040-QBBD

	Item	F930GOT-BBD-K,(-C),(-E)	GT1040-QBBD	
	External shape			
С	onformed standard	• F930GOT-BBD-K,(-C): - • F930GOT-BBD-K-E: CE(EMC), UL/cUL	CE(EMC), UL/cUL	
	Туре	STN monochrome (white/blue) LCD	STN monochrome (white/blue) LCD	
	Screen size	4"	4.7"	
	Resolution	240 × 80 dots	QVGA: 320 × 240 dots	
	Display size	117(W) × 42(H) [mm]	96(W) × 72(H) [mm] (Horizontal format)	
=	Display character	30 characters × 5 lines	16dot standard font: 40 characters $\times$ 15 lines (Horizontal format) 12dot standard font: 53 characters $\times$ 20 lines (Horizontal format)	
פברוור	Display color	Monochrome (white/blue)	Monochrome (white/blue) 16-tone	
	Display angle	Left/Right: 30 degrees, Top: 20 degrees, Bottom: 30 degrees		
	Contrast adjustment	Available	16-level adjustment	
	Intensity adjustment -		-	
	Life	Approx. 50,000 h (Operating ambient temperature: 25 °C)	Approx. 50,000 h (Operating ambient temperature: 25 $^{\circ}$ C)	
	Max. number of registered screens	500 screens	1024 screens	
AIIC	Туре	Cold cathode fluorescent tube (Non-replaceable) [Auto power off]	LED (No replacement required) [Backlight off/Screen saving time settable]	
	Life	50,000 h or more (Operating ambient temperature: 25 °C)	-	
'	Color	White	White	
	Туре	Matrix resistive film	Matrix resistive film	
2	Number of touch keys	50 keys/screen	50 keys/screen	
	Key size	Minimum 16×20 dots (per key)	Minimum 16 × 16 dots (per key)	
2001	Number of points touched simultaneously	Maximum of 2 points	Maximum of 2 points	
	For screen data	Built-in flash memory 256 Kbytes	Built-in flash memory 3 Mbytes	
	For other data	Built-in SRAM: For storing alarm history and recipe data	Built-in SRAM: For storing alarm history (alarm log file) and recipe data	
_	Туре	FX2NC-32BL lithium battery	GT11-50BAT lithium battery	
המווכו א	Backup target	Clock data, Alarm history, and Recipe data	Clock data, Alarm history, and Recipe data	
Ó	Life	Battery life: approx. 3 years	Battery life: approx. 5 years (Operating ambient temperature: 25 °C)	

1

1 - 7

	ltem	F930GOT-BBD-K,(-C),(-E)	GT1040-QBBD
	RS-422/485 (Common)	-	RS-422/485, 1ch Connector shape: D-sub 9 pins (Female), Application: Controller communication Terminating resistor: Open/110 Ω/330 Ω (Switched by terminator switch)
face	RS-422	RS-422, 1ch Connector shape: D-sub 9 pins (Female) Application: PLC communication	-
Built-in interface	RS-232	RS-232, 1ch Connector shape: D-sub 9 pins (Male) Application: PC connection, PLC communication, and Barcode reader connection	RS-232, 1ch Connector shape: D-sub 9 pins (Male) Application: PLC communication, Barcode reader connection, and PC communication
	USB (device)	-	USB (Full Speed 12 Mbps) device, 1ch Connector shape: TYPE Mini-B Application: PC connection (Project data upload/download, OS installation, FA transparent function)
	Option function board	For Screen data transfer board installation, 1ch	For memory board installation, 1ch
Switch	Switch 1	[Function key] 8 switches [Numeric keypad] 0 to 9, (-), (.) [Cusor key] ENT, ESC, SET, DEV, Left/Right/Top/Bottom	-
	Buzzer output	Single tone	Single tone (Long/Short/Off adjustable)
	Protective structure	IP65f (Front section)	IP67f (Front section)
	External dimensions	168(W)×183(H)×37.5(D) [mm]	139(W)×112(H)×41(D) [mm]
Pa	nel cutting dimensions	155(+1 -0)(W)×170(+1 -0)(H) [mm]	130(+1 -0)(W)×103(+1 -0)(H) [mm]
(Exc	Weight cluding installation fitting)	0.6 kg	0.45 kg

#### Comparison between F930GOT-BWD,(-C),(-E),(-T) and GT1030-LWDW 1.2.4

	Item	F930GOT-BWD,(-C),(-E),(-T)	GT1030-LWDW	ENT	
E	xternal shape			REPLACEMENT	
Cor	formed standard	• F930GOT-BWD,(-C),(-T): - • F930GOT-BWD-E: CE(EMC), UL/cUL	CE(EMC), UL/cUL		
	Туре	STN monochrome (white/blue) LCD	STN monochrome (white/black) LCD		
	Screen size	4"	4.5"		
	Resolution	240 × 80 dots	288×96 dots		
	Display size	117(W)×42(H) [mm]	109.42(W) × 35.98(H) [mm] (Horizontal format)		
	Display character	30 characters × 5 lines	16dot standard font: 36 characters × 6 lines (Horizontal format) 12dot standard font: 48 characters × 8 lines (Horizontal format)		
	Display color	Monochrome (white/blue)	Monochrome (white/black)	SCREEN DATA CONVERSION	
	Display angle     Left/Right: 30 degrees, Top: 20 degrees, Bottom: 30 degrees     Left/Right: 30 degrees, Top: 20 degrees, Bottom: 30 degrees		<b>b b b b b</b>		
	contrast adjustment	Available	16-level adjustment		
Ir	ntensity adjustment	-	8-level adjustment	ATA	
	Life	Approx. 50,000 h	Approx. 50,000 h	EN D	
_		(Operating ambient temperature: 25 °C)	(Operating ambient temperature: 25 °C)	SCREEN DATA	
	Max. number of registered screens	500 screens	1024 screens	ى 	
_			Backlight status (On/Blink/Off) controllable, Screen saving time settable		
	Life	50,000 h or more (Operating ambient temperature: 25 °C)	-	PROJECT DATA	
	Color	White	3-color LED (white/pink/red) (No replacement required)	OJE(	
	Туре	Matrix resistive film	Matrix resistive film		
N	umber of touch keys	50 keys/screen	50 keys/screen		
	Key size	Minimum 16 × 16 dots (per key)	Minimum 16×20 dots (per key)	AND	
	Number of points ched simultaneously	Maximum of 2 points	Maximum of 2 points	IATION /	
ury ogram	For screen data	Built-in flash memory 256 Kbytes	Built-in flash memory 1.5 Mbytes	CONFIRMATION AND	
User program	For other data	Built-in SRAM: For storing alarm history and recipe data	Built-in SRAM: For storing alarm history (alarm log file) and recipe data	-	
	Туре	FX2NC-32BL lithium battery	GT11-50BAT lithium battery	-	
	Backup target	Clock data, Alarm history, and Recipe data	Clock data, Alarm history, and Recipe data	-	
ă 🕇	Life	Battery life: approx. 3 years	Battery life: approx. 5 years (Operating ambient temperature: 25 °C)		

1

	Item	F930GOT-BWD,(-C),(-E),(-T)	GT1030-LWDW
Built-in interface	RS-422/485 (Common)	-	[H/W version: B or later] RS-422/485, 1ch Connector shape: Connector terminal block 9 pins, Application: PLC communication Terminating resistor: Open/110 Ω/330 Ω (Switched by terminator switch) [H/W version: A] RS-422, 1ch Connector shape: Connector terminal block 9 pins, Application: PLC communication
Built-in	RS-422	RS-422, 1ch Connector shape: D-sub 9 pins (Female) Application: PLC communication	-
	RS-232	RS-232, 1ch Connector shape: D-sub 9 pins (Male) Application: PC connection, PLC communication, and Barcode reader connection	RS-232, 1ch Connector shape: Mini-DIN 6 pins (Female) Application: PC connection, Barcode reader connection
	Buzzer output	Single tone	Single tone (Long/Short/Off adjustable)
	Protective structure	Equivalent to IP65f (Front section)	Equivalent to IP67f (Front section)
	External dimensions	146(W)×75(H)×49(D) [mm]	145(W)×76(H)×29.5(D) [mm]
Ρ	anel cutting dimensions	137(+1 -0)(W)×66(+1 -0)(H) [mm]	137(+1 -0)(W)×66(+1 -0)(H) [mm]
(Ex	Weight cluding installation fitting)	0.3 kg	0.3 kg

## 1.2.5 Comparison between F933GOT-BWD and GT1030-LWDW2

	Item	F933GOT-BWD	GT1030-LWDW2	
	External shape			
2	onformed standard		CE(EMC), UL/cUL	
	Туре	STN monochrome (white/blue) LCD	STN monochrome (white/black) LCD	
ľ	Screen size	4"	4.5"	
ľ	Resolution	240 × 80 dots	288 × 96 dots	
	Display size	117(W)×42(H) [mm]	109.42(W) × 35.98(H) [mm] (Horizontal format)	
	Display character	30 characters × 5 lines	16dot standard font: 36 characters $\times$ 6 lines (Horizontal format) 12dot standard font: 48 characters $\times$ 8 lines (Horizontal format)	
נוריי	Display color	Monochrome (white/blue)	Monochrome (white/black)	
	Display angle	Left/Right: 30 degrees, Top: 20 degrees, Bottom: 30 degrees	egrees, Left/Right: 30 degrees, Top: 20 degrees, Bottom: 30 degrees (Horizontal format)	
	Contrast adjustment	Available	16-level adjustment	
	Intensity adjustment	-	8-level adjustment	
	Life	Approx. 50,000 h (Operating ambient temperature: 25 $^{\circ}\text{C})$	Approx. 50,000 h (Operating ambient temperature: 25 $^{\circ}\text{C}$ )	
	Max. number of registered screens	500 screens	1024 screens	
BIIL	Туре	Cold cathode fluorescent tube (Replaceable) [Auto power off]	Backlight status (On/Blink/Off) controllable, Screen saving time settable	
- addining in	Life	50,000 h or more (Operating ambient temperature: 25 $^\circ\!C)$	-	
	Color	White	3-color LED (white/pink/red) (No replacement required)	
	Туре	Matrix resistive film	Matrix resistive film	
	Number of touch keys	50 keys/screen	50 keys/screen	
	Key size	Minimum 16×20 dots (per key)	Minimum 16 × 16 dots (per key)	
2	Number of points touched simultaneously	Maximum of 2 points	Maximum of 2 points	
( i i i	For screen data	Built-in flash memory 256 Kbytes	Built-in flash memory 1.5 Mbytes	
	ਠ ਲੋਂ For other data	Built-in SRAM: For storing alarm history and recipe data	Built-in SRAM: For storing alarm history (alarm log file) and recipe data	
	Туре	FX2NC-32BL lithium battery	GT11-50BAT lithium battery	
`	Backup target	Clock data, Alarm history, and Recipe data	Clock data, Alarm history, and Recipe data	
1	Life	Battery life: approx. 3 years	Battery life: approx. 5 years (Operating ambient temperature: 25 $^\circ\!C)$	
	RS-232	RS-232, 2ch Connector shape: D-sub 9 pins (Male) Application: PC connection, PLC communication, and Barcode reader connection	RS-232, 2ch Connector shape: Connector terminal block 9 pins Application: PLC communication, 1ch, Mini-DIN 6 pins (Female) Application: PC connection and Barcode reader connection, 1ch	
	Buzzer output	Single tone	Single tone (Long/Short/Off adjustable)	

Item	F933GOT-BWD	GT1030-LWDW2	
Protective structure	Equivalent to IP65f (Front section)	Equivalent to IP67f (Front section)	
External dimensions	146(W)×75(H)×49(D) [mm]	145(W) × 76(H) × 29.5(D) [mm]	
Panel cutting dimensions	137(+1 -0)(W)×66(+1 -0)(H) [mm]	137(+1 -0)(W)×66(+1 -0)(H) [mm]	
Weight (Excluding installation fitting)	0.3 kg	0.3 kg	

## 1.2.6 Comparison between F940GOT-LWD,(-C),(-E)/F943GOT-LWD and GT1050-QBBD

	Ite	m	F940GOT-LWD,(-C),(-E)	F943GOT-LWD	GT1050-QBBD
E	External shape			() ()	
Con	formed	d standard	<ul> <li>F940GOT-LWD,(-C): -</li> <li>F940GOT-LWD-E: CE(EMC), UL/cUL</li> </ul>	-	Compliant with CE(EMC) and UL/cUL
		Туре	STN monochrome (white/black) LCD	STN monochrome (white/black) LCD	STN monochrome (white/blue) LCD
	Sc	reen size	5.7"	5.7"	5.7"
	Re	esolution	QVGA: 320 × 240 dots	QVGA: 320 × 240 dots	QVGA: 320 × 240 dots
	Dis	splay size	115(W)×86(H) [mm]	115(W)×86(H) [mm]	115(W)×86(H) [mm] (Horizontal format)
		Display haracter	40 characters × 15 lines	40 characters × 15 lines	16dot standard font: 40 characters × 15 lines (Horizontal format) 12dot standard font: 53 characters × 20 lines (Horizontal format)
ction	Dis	play color	Monochrome (white/black)	Monochrome (white/black)	Monochrome (white/blue) 16-tone
Display section	Dis	play angle	Left/Right: 30 degrees, Top/Bottom: 30 degrees	Left/Right: 30 degrees, Top/Bottom: 30 degrees	Left/Right: 45 degrees, Top: 20 degrees, Bottom: 40 degrees (Horizontal format)
Ō		Contrast ljustment	Available	Available	16-level adjustment
		ntensity ljustment	-	-	-
		Life	Approx. 50,000 h (Operating ambient temperature: 25 °C)	Approx. 50,000 h (Operating ambient temperature: 25 °C)	Approx. 50,000 h (Operating ambient temperature: 25 °C)
	re	number of gistered screens	500 screens	500 screens	1024 screens
ght		Туре	Cold cathode fluorescent tube (Replaceable) [Auto power off]	Cold cathode fluorescent tube (Replaceable) [Auto power off]	Cold cathode fluorescent tube (Non-replaceable) [Backlight shutoff detection function included, Backlight off/Screen saving time settable]
Backlight		Life	40,000 h or more (Operating ambient temperature: 25 °C)	40,000 h or more (Operating ambient temperature: 25 °C)	Approx. 54,000 h or more (Operating ambient temperature: 25 °C)
		Color	White	White	White
		Туре	Matrix resistive film	Matrix resistive film	Matrix resistive film
anel		umber of uch keys	50 keys/screen	50 keys/screen	50 keys/screen
Touch panel	k	Key size	Minimum 16 × 20 dots (per key)	Minimum 16×20 dots (per key)	Minimum 16×16 dots (per key)
Tou	poin	umber of its touched ultaneously	Maximum of 2 points	Maximum of 2 points	Maximum of 2 points
Memory	program	For screen data	Built-in flash memory 512 Kbytes	Built-in flash memory 512 Kbytes	Built-in flash memory 3 Mbytes
Mer	User pr	For other data	Built-in SRAM: For storing alarm history, recipe data, and sampling data	Built-in SRAM: For storing alarm history, recipe data, and sampling data	Built-in SRAM: For storing alarm history (alarm log file) and recipe data

1

REPLACEMENT MODEL SUMMARY

2

HARDAWARE

3

SCREEN DATA CONVERSION

4

SCREEN DATA CONVERSION OPERATION

5

PROJECT DATA COMPATIBILITY TABLE

6

CONFIRMATION AND SETTINGS AFTER CONVERSION

7

**B** COMPATIBILITY OF SYSTEM SCREENS

WRITING PROJECT DATA AND OS TO THE GOT

	Item	F940GOT-LWD,(-C),(-E)	F943GOT-LWD	GT1050-QBBD
	Туре	PM-20BL lithium battery	PM-20BL lithium battery	GT11-50BAT lithium battery
Battery	Backup target	Clock data, Alarm history, Recipe data, and Sampling data	Clock data, Alarm history, Recipe data, and Sampling data	Clock data, Alarm history, and Recipe data
В	Life	Battery life: approx. 5 years	Battery life: approx. 5 years	Battery life: approx. 5 years (Operating ambient temperature: 25 °C)
	RS-422/485 (Common)	-	-	[H/W version: C or later] RS-422/485, 1ch Connector shape: D-sub 9 pins (Female) Application: PLC communication, Terminating resistor: Open/110 Ω/330 Ω (Switched by terminator switch) [H/W version: A or B] RS-422, 1ch Connector shape: D-sub 9 pins (Female) Application: PLC communication
Built-in interface	RS-422	RS-422, 1ch Connector shape: D-sub 9 pins (Female), Application: PLC communication	-	-
Ш	RS-232	RS-232, 1ch Connector shape: D-sub 9 pins (Male) Application: PC connection, PLC communication, and Barcode reader connection	RS-232, 2ch Connector shape: D-sub 9 pins (Male), Application: PC connection, PLC communication, and Barcode reader connection	RS-232, 1ch Connector shape: D-sub 9 pins (Male) Application: PLC communication, Barcode reader connection, and PC communication
	USB (device)	-	-	USB (Full Speed 12 Mbps) device, 1ch Connector shape: TYPE Mini-B Application: PC connection
	Memory board	-	-	For GT10-50FMB memory board connection
E	Buzzer output	Single tone	Single tone	Single tone (Long/Short/Off adjustable)
Pro	tective structure	Equivalent to IP65f (Front section)	Equivalent to IP65f (Front section)	IP67f (Front section)
Exte	ernal dimensions	162(W)×130(H)×57(D) [mm]	162(W)×130(H)×57(D) [mm]	164(W)×135(H)×56(D) [mm]
I	Panel cutting dimensions	153(+1 -0)(W)×121(+1 -0)(H) [mm]	153(+1 -0)(W)×121(+1 -0)(H) [mm]	153(+2 -0)(W)×121(+2 -0)(H) [mm]
(Excl	Weight luding installation fitting)	0.9 kg	0.9 kg	0.7 kg

## 1.2.7 Comparison between F940GOT-SWD,(-C),(-E)/F943GOT-SWD and GT1055-QSBD

	Item	F940GOT-SWD,(-C),(-E)	F943GOT-SWD	GT1055-QSBD
	External shape			
С	onformed standard	<ul> <li>F940GOT-SWD,(-C): -</li> <li>F940GOT-SWD-E: CE(EMC), UL/cUL</li> </ul>	-	Compliant with CE(EMC) and UL/cUL
	Туре	STN color LCD	STN color LCD	STN color LCD
	Screen size	5.7"	5.7"	5.7"
	Resolution	QVGA: 320 × 240 dots	QVGA: 320 × 240 dots	QVGA: 320 × 240 dots
	Display size	115(W)×86(H) [mm]	115(W)×86(H) [mm]	115(W) × 86(H) [mm] (Horizontal format)
u	Display character	40 characters × 15 lines	40 characters × 15 lines	16dot standard font: 40 characters × 15 lines (Horizontal format) 12dot standard font: 53 characters × 20 lines (Horizontal format)
sectic	Display color	8 colors	8 colors	256 colors
Display section	Display angle	Left/Right: 50 degrees, Top: 45 degrees, Bottom: 60 degrees	Left/Right: 50 degrees, Top: 45 degrees, Bottom: 60 degrees	Left/Right: 55 degrees, Top: 65 degrees, Bottom: 70 degrees (Horizontal format)
	Contrast adjustment	Available	Available	16-level adjustment
	Intensity adjustment	-	-	-
	Life	Approx. 50,000 h (Operating ambient temperature: 25 °C)	Approx. 50,000 h (Operating ambient temperature: 25 °C)	Approx. 50,000 h (Operating ambient temperature: 25 °C)
	Max. number of registered screens	500 screens	500 screens	1024 screens
acklight	Туре	Cold cathode fluorescent tube (Replaceable) [Auto power off]	Cold cathode fluorescent tube (Replaceable) [Auto power off]	Cold cathode fluorescent tube (Non-replaceable) [Backlight shutoff detection function included, Backlight off/Screen saving time settable]
Bac	Life	40,000 h or more (Operating ambient temperature: 25 $^{\circ}\text{C}$ )	40,000 h or more (Operating ambient temperature: 25 $^{\circ}\text{C}$ )	Approx. 75,000 h or more (Operating ambient temperature: 25 °C)
	Color	White	White	White
	Туре	Matrix resistive film	Matrix resistive film	Matrix resistive film
anel	Number of touch keys	50 keys/screen	50 keys/screen	50 keys/screen
Touch panel	Key size	Minimum 16 × 20 dots (per key)	Minimum 16 × 20 dots (per key)	Minimum 16 × 16 dots (per key)
Toi	Number of points touched simultaneously	Maximum of 2 points	Maximum of 2 points	Maximum of 2 points
Memory	For screen data	Built-in flash memory 512 Kbytes	Built-in flash memory 512 Kbytes	Built-in flash memory 3 Mbytes
Mer	For other data	Built-in SRAM: For storing alarm history, recipe data, and sampling data	Built-in SRAM: For storing alarm history, recipe data, and sampling data	Built-in SRAM: For storing alarm history (alarm log file) and recipe data

1

REPLACEMENT MODEL SUMMARY

2

HARDAWARE

3

SCREEN DATA CONVERSION

4

SCREEN DATA CONVERSION OPERATION

5

PROJECT DATA COMPATIBILITY TABLE

6

CONFIRMATION AND SETTINGS AFTER CONVERSION

7

**B** COMPATIBILITY OF SYSTEM SCREENS

WRITING PROJECT DATA AND OS TO THE GOT

	Item	F940GOT-SWD,(-C),(-E)	F943GOT-SWD	GT1055-QSBD
	Туре	PM-20BL lithium battery	PM-20BL lithium battery	GT11-50BAT lithium battery
Battery	Backup target	Clock data, Alarm history, Recipe data, and Sampling data	Clock data, Alarm history, Recipe data, and Sampling data	Clock data, Alarm history, and Recipe data
В	Life	Battery life: approx. 5 years	Battery life: approx. 5 years	Battery life: approx. 5 years (Operating ambient temperature: 25 °C)
	RS-422/485 (Common)	-	-	[H/W version: C or later] RS-422/485, 1ch Connector shape: D-sub 9 pins (Female) Application: PLC communication Terminating resistor: Open/110 Ω/330 Ω (Switched by terminator switch) [H/W version: A or B] RS-422, 1ch Connector shape: D-sub 9 pins (Female) Application: PLC communication
Built-in interface	RS-422	RS-422, 1ch Connector shape: D-sub 9 pins (Female) Application: PLC communication	-	-
Built-	RS-232	RS-232, 1ch Connector shape: D-sub 9 pins (Male) Application: PC connection, PLC communication, and Barcode reader connection	RS-232, 2ch Connector shape: D-sub 9 pins (Male) Application: PC connection, PLC communication, and Barcode reader connection	RS-232, 1ch Connector shape: D-sub 9 pins (Male) Application: PLC communication, Barcode reader connection, and PC communication
	USB (device)	-	-	USB (Full Speed 12 Mbps) device, 1ch Connector shape: TYPE Mini-B Application: PC connection
	Option function board	For Screen data transfer board installation, 1ch	For Screen data transfer board installation, 1ch	-
	Memory board	-	-	For GT10-50FMB memory board connection
_	Buzzer output	Single tone	Single tone	Single tone (Long/Short/Off adjustable)
P	Protective structure	Equivalent to IP65f (Front section)	Equivalent to IP65f (Front section)	IP67f (Front section)
E	xternal dimensions	162(W)×130(H)×57(D) [mm]	162(W)×130(H)×57(D) [mm]	164(W)×135(H)×56(D) [mm]
Pan	el cutting dimensions	153(+1 -0)(W)×121(+1 -0)(H) [mm]	153(+1 -0)(W)×121(+1 -0)(H) [mm]	153(+2 -0)(W)×121(+2 -0)(H) [mm]
(E	Weight xcluding installation fitting)	0.9 kg	0.9 kg	0.7 kg

#### Comparison between F940GOT-LBD-H,(-E)/RH,(-E) and GT1150HS-QLBD 1.2.8

		Item	F940GOT-LBD-H,(-E)	F940GOT-LBD-RH,(-E)	GT1150HS-QLBD
External shape		rnal shape			
C	onforr	med standard	• F940GOT-LBD-H: - • F940GOT-LBD-H-E: CE(EMC)	<ul> <li>F940GOT-LBD-RH: -</li> <li>F940GOT-LBD-RH-E: CE(EMC)</li> </ul>	CE(EMC), UL/cUL
		Туре	STN monochrome (white/black) LCD	STN monochrome (white/black) LCD	STN monochrome (white/black) LCD
	5	Screen size	5.7"	5.7"	5.7"
		Resolution	QVGA: 320 × 240 dots	QVGA: 320 × 240 dots	QVGA: 320 × 240 dots
	0	Display size	115(W)×86(H) [mm]	115(W)×86(H) [mm]	115(W)×86(H) [mm]
	Dis	play character	40 characters × 15 lines	40 characters × 15 lines	16dot standard font: 40 characters × 15 lines 12dot standard font: 53 characters × 20 lines
5	D	isplay color	Monochrome (white/black)	Monochrome (white/black)	Monochrome (white/black) 16-tone
Display section	D	isplay angle	Left/Right: 30 degrees, Top/Bottom: 30 degrees	Left/Right: 30 degrees, Top/Bottom: 30 degrees	Left/Right: 45 degrees, Top: 20 degrees, Bottom: 40 degrees
Idein	á	Contrast adjustment	Available	Available	16-level adjustment
	ä	Intensity adjustment	-	-	8-level adjustment
		Life	Approx. 50,000 h (Operating ambient temperature: 25 °C)	Approx. 50,000 h (Operating ambient temperature: 25 °C)	Approx. 50,000 h (Operating ambient temperature: 25 °C)
		ax. number of registered screens	500 screens	500 screens	4096 screens
Dacklight		Туре	Cold cathode fluorescent tube (Non-replaceable) [Auto power off]	Cold cathode fluorescent tube (Non-replaceable [Auto power off]	Cold cathode fluorescent tube (Non-replaceable) [Backlight shutoff detection function included, Backlight off/Screen saving time settable]
Dac		Life	40,000 h or more (Operating ambient temperature: 25 °C)	40,000 h or more (Operating ambient temperature: 25 °C)	Approx. 54,000 h or more (Time for display luminance to reach 50 % at the operating ambient temperature of 25 °C)
		Color	White	White	White
	_	Туре	Matrix resistive film	Matrix resistive film	Matrix resistive film
	Nu	mber of touch keys	50 keys/screen	50 keys/screen	300 keys/screen (15 lines × 20 columns)
loucn panel		Key size	Minimum 16 × 20 dots (per key)	Minimum 16×20 dots (per key)	Minimum 16 × 16 dots (per key)
2		mber of points touched multaneously	Maximum of 2 points	Maximum of 2 points	Maximum of 2 points
nory	User program	For screen data	Built-in flash memory 512 Kbytes	Built-in flash memory 512 Kbytes	Built-in flash memory 3 Mbytes
Memory	User pi	For other data	Built-in SRAM: For storing alarm history, recipe data, and sampling data	Built-in SRAM: For storing alarm history, recipe data, and sampling data	Built-in SRAM: For storing alarm history, recipe data, and sampling data

1

	Item	F940GOT-LBD-H,(-E)	F940GOT-LBD-RH,(-E)	GT1150HS-QLBD
	Туре	FX2NC-32BL lithium battery	FX2NC-32BL lithium battery	GT11-50BAT lithium battery
Battery	Backup target	Clock data, Alarm history, Recipe data, and Sampling data	Clock data, Alarm history, Recipe data, and Sampling data	Clock data, Alarm history, and Recipe data
Ш	Life	Battery life reference: approx. 3 years	Battery life reference: approx. 3 years	Battery life reference: approx. 5 years (Operating ambient temperature: 25 °C)
	RS-422/232 (Common)	-	-	RS-422/232, 1ch each (Select one of them when used) Connector shape: Round 32 pins (Male), Application: Controller communication
	RS-422	RS-422, 1ch, For PLC communication	RS-422, 1ch, For PLC communication	-
terface	RS-232	RS-232, 1ch Connector shape: D-sub 9 pins (Male) Application: PC connection	RS-232, 1ch Connector shape: D-sub 9 pins (Male) Application: PC connection	RS-232, 1ch Connector shape: Mini-DIN 9 pins (Female), Application: PC connection
Built-in interface	USB (device)	-	-	USB (Full Speed 12 Mbps) device, 1ch Application: PC connection
ā	CF card	-	-	Compact flash slot, 1ch Connector shape: TYPE I, Application: Data transfer and Data storage
	Option function board	-	-	[H/W version: A] For option function board installation, 1ch [H/W version: B or later] Option function board is built in the Handy GOT.
	Switch 1	Operation switch: 4 switches (4 contacts/common) N/O contact, Maximum rating: 10 mA/24 VDC Life: 1,000,000 times	Operation switch: 4 switches (4 contacts/common) N/O contact, Maximum rating: 10 mA/24 VDC Life: 1,000,000 times	Operation switch: 6 switches (6 contacts/common) N/O contact, Maximum rating: 10 mA/24 VDC Life: 1,000,000 times
Switch	Switch 2	[Grip switch] 1 switch (Assigned as display section key or switch key), Life: 1,000,000 times or more [Emergency stop switch] 1 N/C contact × 1 switch (Single wiring), 1 A/24 VDC (Resistance load), Life: 100,000 times or more	[Deadman switch] 2 N/O contacts × 1 switch (Single wiring), 1 A/24 VDC (Resistance load), 3-position system of OFF-ON-OFF [Emergency stop switch] 2 N/C contact × 1 switch (Single wiring), 1 A/24 VDC (Resistance load), Life: 100,000 times or more [Keylock switch (2-position switch)] 2-position × 1 switch, 1 A/24 VDC (Resistance load) A key can be inserted and removed only when turned to the left. When turned to the right, the key cannot be removed. Two keys are provided.	Grip: 1 switch (Single wiring), Enable switch (deadman switch) 3-position system of OFF-ON-OFF, 2 N/O contacts, Maximum rating: 1 A/24 VDC (Resistance load), Maximum rating: 0.3 A/24 VDC (Induction load) Emergency stop: 1 switch (Single wiring), 2 N/C contacts, Maximum rating 1 A/24 VDC (Resistance load), Maximum rating 0.3 A/24 VDC (Induction load) Keylock (2-position): 1 switch, 2-notch type (Manual stop at each position/A key can be inserted and removed only when turned to the left. When turned to the right, the key cannot be removed. Two keys are provided.), 2-position, Maximum rating: 1 A/24 VDC (Resistance load), Maximum rating 0.3 A/24 VDC (Induction load), Life: 100,000 times
	Buzzer output	Single tone	Single tone	Single tone (Tone length adjustable)
Ρ	rotective structure	Equivalent to IP54	Equivalent to IP54	Equivalent to IP65f
E	xternal dimensions	156(W)×191(H)×s63.5(D) [mm]	176(W)×220(H)×93(D) [mm]	176(W)×220(H)×93(D) [mm]
We	ight (Main unit only)	0.79 kg	0.87 kg	1.0 kg

### 1.2.9 Comparison between F943GOT-LBD-H,(-E)/RH,(-E) and GT1150HS-QLBD

	Item	F943GOT-LBD-H,(-E)	F943GOT-LBD-RH,(-E)	GT1150HS-QLBD
	External shape			
С	onformed standard	• F943GOT-LBD-H: - • F943GOT-LBD-H-E: CE(EMC)	• F943GOT-LBD-RH: - • F943GOT-LBD-RH-E: CE(EMC)	CE(EMC), UL/cUL
	Туре	STN monochrome (white/black) LCD	STN monochrome (white/black) LCD	STN monochrome (white/black) LCD
	Screen size	5.7"	5.7"	5.7"
	Resolution	320×240 dots	320×240 dots	QVGA: 320 × 240 dots
	Display size	115(W)×86(H) [mm]	115(W)×86(H) [mm]	115(W)×86(H) [mm]
	Display character	40 characters × 15 lines	40 characters × 15 lines	16dot standard font: 40 characters × 15 lines 12dot standard font: 53 characters × 20 lines
tion	Display color	Monochrome (white/black)	Monochrome (white/black)	Monochrome (white/black) 16-tone
Display section	Display angle	Left/Right: 30 degrees, Top/Bottom: 30 degrees	Left/Right: 30 degrees, Top/Bottom: 30 degrees	Left/Right: 45 degrees, Top: 20 degrees, Bottom: 40 degrees
Dis	Contrast adjustment	Available	Available	16-level adjustment
	Intensity adjustment	-	-	8-level adjustment
	Life	Approx. 50,000 h (Operating ambient temperature: 25 $^{\circ}\text{C}$ )	Approx. 50,000 h (Operating ambient temperature: 25 °C)	Approx. 50,000 h (Operating ambient temperature: 25 °C)
	Max. number of registered screens	500 screens	500 screens	4096 screens
dight	Туре	Cold cathode fluorescent tube (Non-replaceable) [Auto power off]	Cold cathode fluorescent tube (Non-replaceable) [Auto power off]	Cold cathode fluorescent tube (Non-replaceable) [Backlight shutoff detection function included, Backlight off/Screen saving time settable]
Backligl	Life 40,000 h or more (Operating ambient temperature: 25 °C)		40,000 h or more (Operating ambient temperature: 25 °C)	Approx. 54,000 h or more (Operating ambient temperature: 25 °C)
	Color	White	White	White
	Туре	Matrix resistive film	Matrix resistive film	Matrix resistive film
anel	Number of touch keys	50 keys/screen	50 keys/screen	300 keys/screen (15 lines × 20 columns)
Touch panel	Key size	Minimum 16 × 20 dots (per key)	Minimum 16×20 dots (per key)	Minimum 16 × 16 dots (per key)
Touc	Number of points touched simultaneously	Maximum of 2 points	Maximum of 2 points	Maximum of 2 points
Jory	For screen data	Built-in flash memory 512 Kbytes	Built-in flash memory 512 Kbytes	Built-in flash memory 3 Mbytes
Memory	ີອີ ອີສິ ອິດ	Built-in SRAM: For storing alarm history, recipe data, and sampling data	Built-in SRAM: For storing alarm history, recipe data, and sampling data	Built-in SRAM: For storing alarm history, recipe data, and sampling data

WRITING PROJECT DATA AND OS TO THE GOT

1

REPLACEMENT MODEL SUMMARY

2

HARDAWARE

3

SCREEN DATA CONVERSION

4

SCREEN DATA CONVERSION OPERATION

5

PROJECT DATA COMPATIBILITY TABLE

6

CONFIRMATION AND SETTINGS AFTER CONVERSION

7

	Item	F943GOT-LBD-H,(-E)	F943GOT-LBD-RH,(-E)	GT1150HS-QLBD
Battery	Туре	FX2NC-32BL lithium battery	FX2NC-32BL lithium battery	GT11-50BAT lithium battery
	Backup target	Clock data, Alarm history, Recipe data, and Sampling data	Clock data, Alarm history, Recipe data, and Sampling data	Clock data, Alarm history, and Recipe data
В	Life	Battery life reference: approx. 3 years	Battery life reference: approx. 3 years	Battery life reference: approx. 5 years (Operating ambient temperature: 25 °C)
υ	RS-422/232 (Common)	-	-	RS-422/232, 1ch each (Select one of them when used): For PLC communication
	RS-232	1ch, Connector shape: D-sub 9 pins (Male), Application: PC connection 1ch, Connector shape: D-sub 9 pins (Male), Application: PLC communication	1ch, Connector shape: D-sub 9 pins (Male), Application: PC connection 1ch, Connector shape: D-sub 9 pins (Male), Application: PLC communication	RS-232, 1ch Connector shape: Mini-DIN 9 pins (Female), Application: PC connection
Built-in interface	USB (device)	-	-	USB (Full Speed 12 Mbps) device, 1ch Application: PC connection
Built-in	CF card	-	-	Compact flash slot, 1ch Connector shape: TYPE I, Application: Data transfer and Data storage
	Option function board	-	-	[H/W version: A] For option function board installation, 1ch [H/W version: B or later] Option function board is built in the Handy GOT.
	Switch 1	Operation switch: 4 switches (4 contacts/ common) N/O contact, Maximum rating: 10 mA/24 VDC Life: 1,000,000 times	Operation switch: 4 switches (4 contacts/ common) N/O contact, Maximum rating: 10 mA/24 VDC Life: 1,000,000 times	Operation switch: 6 switches (6 contacts/ common) N/O contact, Maximum rating: 10 mA/24 VDC Life: 1,000,000 times
Switch	Switch 2	[Grip switch] 1 switch (Assigned as display section key or switch key), Life: 1,000,000 times or more [Emergency stop switch] 1 N/C contact × 1 switch (Single wiring), 1 A/24 VDC (Resistance load), Life: 100,000 times or more	[Deadman switch] 2 N/O contacts × 1 switch (Single wiring), 1 A/24 VDC (Resistance load), 3-position system of OFF-ON-OFF [Emergency stop switch] 2 N/C contacts × 1 switch (Single wiring), 1 A/24 VDC (Resistance load), Life: 100,000 times or more [Keylock switch (2-position switch)] 2-position × 1 switch, 1 A/24 VDC (Resistance load) A key can be inserted and removed only when turned to the left. When turned to the right, the key cannot be removed. Two keys are provided.	Grip: 1 switch (Single wiring), Enable switch (deadman switch) 3-position system of OFF-ON-OFF, 2 N/O contacts, Maximum rating: 1 A/24 VDC (Resistance load), Maximum rating: 0.3 A/24 VDC (Induction load) Emergency stop: 1 switch (Single wiring), 2 N/C contacts, Maximum rating 1 A/24 VDC (Resistance load), Maximum rating 0.3 A/24 VDC (Induction load) Keylock (2-position): 1 switch, 2-notch type (Manual stop at each position/A key can be inserted and removed only when turned to the left. When turned to the right, the key cannot be removed. Two keys are provided.), 2-position, Maximum rating: 1 A/24 VDC (Resistance load), Maximum rating 0.3 A/24 VDC (Induction load), Life: 100,000 times
	Buzzer output	Single tone	Single tone	Single tone (Tone length adjustable)
Р	Protective structure	Equivalent to IP54	Equivalent to IP54	JEM1030 IP65f
E	xternal dimensions	156(W)×191(H)×63.5(D) [mm]	176(W)×191(H)×69.5(D) [mm]	176(W)×220(H)×93(D) [mm]
We	eight (Main unit only)	0.79 kg	0.87 kg	1.0 kg

#### Comparison between F940GOT-SBD-H,(-E)/RH,(-E) and GT1155HS-QSBD 1.2.10

	Item	F940GOT-SBD-H,(-E)	F940GOT-SBD-RH,(-E)	GT1155HS-QSBD
	External shape			
С	onformed standard	• F940GOT-SBD-H: - • F940GOT-SBD-H-E: CE(EMC)	• F940GOT-SBD-RH: - • F940GOT-SBD-H-E: CE(EMC)	CE(EMC), UL/cUL
	Туре	STN color LCD	STN color LCD	STN color LCD
	Screen size	5.7"	5.7"	5.7"
	Resolution	QVGA: 320 × 240 dots	QVGA: 320 × 240 dots	QVGA: 320 × 240 dots
	Display size	115(W)×86(H) [mm]	115(W)×86(H) [mm]	115(W)×86(H) [mm]
	Display character	40 characters × 15 lines	40 characters × 15 lines	16dot standard font: 40 characters × 15 lines 12dot standard font: 53 characters × 20 lines
	Display color	8 colors	8 colors	256 colors
Display section	Display angle	Left/Right: 50 degrees, Top: 45 degrees, Bottom: 60 degrees	Left/Right: 50 degrees, Top: 45 degrees, Bottom: 60 degrees	[H/W version: A or B] Left/Right: 50 degrees, Top: 50 degrees, Bottom: 60 degrees [H/W version: C or later] Left/Right: 55 degrees, Top: 65 degrees, Bottom: 70 degrees (Horizontal format)
	Contrast adjustment	Available	Available	16-level adjustment
	Intensity adjustment	-	-	8-level adjustment
	Life	Approx. 50,000 h (Operating ambient temperature: 25 °C)	Approx. 50,000 h (Operating ambient temperature: 25 °C)	Approx. 50,000 h (Operating ambient temperature: 25 °C)
	Max. number of registered screens	500 screens	500 screens	4096 screens
Backlight	Туре	Cold cathode fluorescent tube (Non-replaceable) [Auto power off]	Cold cathode fluorescent tube (Non-replaceable) [Auto power off]	Cold cathode fluorescent tube (Non-replaceable) [Backlight shutoff detection function included, Backlight off/Screen saving time settable]
Ва	Life	40,000 h or more (Operating ambient temperature: 25 °C)	40,000 h or more (Operating ambient temperature: 25 $^\circ$ C)	Approx. 75,000 h or more (Operating ambient temperature: 25 °C)
	Color	White	White	White
	Туре	Matrix resistive film	Matrix resistive film	Matrix resistive film
	Number of touch keys	50 keys/screen	50 keys/screen	300 keys/screen (15 lines × 20 columns)
2	Key size	Minimum 16×20 dots (per key)	Minimum 16×20 dots (per key)	Minimum 16×16 dots (per key)
Touch panel	Number of points touched simultaneously	Maximum of 2 points	Maximum of 2 points	Maximum of 2 points
Merriory	For screen data	Built-in flash memory 512 Kbytes	Built-in flash memory 512 Kbytes	Built-in flash memory 3 Mbytes
É	o G J For other data	Built-in SRAM: For storing alarm history,	Built-in SRAM: For storing alarm history, recipe data, and sampling data	Built-in SRAM: For storing alarm history (alarm log file) and recipe data

1

	Item	F940GOT-SBD-H,(-E)	F940GOT-SBD-RH,(-E)	GT1155HS-QSBD
Battery	Туре	FX2NC-32BL lithium battery	FX2NC-32BL lithium battery	GT11-50BAT lithium battery
	Backup target	Clock data, Alarm history, Recipe data, and Sampling data	Clock data, Alarm history, Recipe data, and Sampling data	Clock data, Alarm history, and Recipe data
Ш	Life	Battery life reference: approx. 3 years	Battery life reference: approx. 3 years	Battery life reference: approx. 5 years (Operating ambient temperature: 25 °C)
	RS-422/232 (Common)	-	-	RS-422/232, 1ch each (Select one of them when used) Application: PLC communication
	RS-422	RS-422, 1ch, For PLC communication	RS-422, 1ch, For PLC communication	-
Built-in interface	RS-232	RS-232, 1ch Connector shape: D-sub 9 pins (Male) Application: PC connection	RS-232, 1ch Connector shape: D-sub 9 pins (Male) Application: PC connection	RS-232, 1ch Connector shape: Mini-DIN 9 pins (Female) Application: PC connection
	USB (device)	-	-	USB (Full Speed 12 Mbps) device, 1ch Application: PC connection
	CF card	-	-	Compact flash slot, 1ch, Connector shape: TYPE I Application: Data transfer and Data storage
	Option function board	-	-	[H/W version: A] For option function board installation, 1ch [H/W version: B or later] Option function board is built in the Handy GOT.
	Switch 1	Operation switch: 4 switches (4 contacts/common) N/O contact, Maximum rating: 10 mA/24 VDC Life: 1,000,000 times	Operation switch: 4 switches (4 contacts/common) N/O contact, Maximum rating: 10 mA/24 VDC Life: 1,000,000 times	Operation switch: 6 switches (6 contacts/common) N/O contact, Maximum rating: 10 mA/24 VDC Life: 1,000,000 times
Switch	Switch 2	[Grip switch] 1 switch (Assigned as display section key or switch key), Life: 1,000,000 times or more [Emergency stop switch] 1 N/C contact × 1 switch (Single wiring), 1 A/24 VDC (Resistance load), Life: 100,000 times or more	[Deadman switch] 2 N/O contacts × 1 switch (Single wiring), 1 A/24 VDC (Resistance load), 3-position system of OFF-ON-OFF [Emergency stop switch] 2 N/C contacts × 1 switch (Single wiring), 1 A/24 VDC (Resistance load), Life: 100,000 times or more [Keylock switch (2-position switch)] 2-position × 1 switch, 1 A/24 VDC (Resistance load) A key can be inserted and removed only when turned to the left. When turned to the right, the key cannot be removed. Two keys are provided.	Grip: 1 switch (Single wiring), Enable switch (deadman switch) 3-position system of OFF-ON-OFF, 2 N/O contacts, Maximum rating: 1 A/24 VDC (Resistance load), Maximum rating: 0.3 A/24 VDC (Induction load) Emergency stop: 1 switch (Single wiring), 2 N/C contacts, Maximum rating 1 A/24 VDC (Resistance load), Maximum rating 0.3 A/24 VDC (Induction load) Keylock (2-position): 1 switch, 2-notch type (Manual stop at each position/A key can be inserted and removed only when turned to the left. When turned to the right, the key cannot be removed. Two keys are provided.), 2-position, Maximum rating 0.3 A/24 VDC (Induction load), Life: 100,000 times
	Buzzer output Single tone		Single tone	Single tone (Tone length adjustable)
F	Protective structure	Equivalent to IP54	Equivalent to IP54	Equivalent to IP65f
E	xternal dimensions	156(W)×191(H)×63.5(D) [mm]	176(W)×191(H)×69.5(D) [mm]	176(W)×220(H)×93(D) [mm]
We	eight (Main unit only)	0.79 kg	0.87 kg	1.0 kg

#### Comparison between F943GOT-SBD-H,(-E)/RH,(-E) and GT1155HS-QSBD 1.2.11

	Item	F943GOT-SBD-H,(-E)	F943GOT-SBD-RH,(-E)	GT1155HS-QSBD
E	xternal shape			
on	formed standard	• F943GOT-SBD-H: - • F943GOT-SBD-H-E: CE(EMC)	<ul> <li>F943GOT-SBD-RH: -</li> <li>F943GOT-SBD-RH-E: CE(EMC)</li> </ul>	CE(EMC), UL/cUL
	Туре	STN color LCD	STN color LCD	STN color LCD
	Screen size	5.7"	5.7"	5.7"
	Resolution	QVGA: 320×240 dots	QVGA: 320 × 240 dots	QVGA: 320 × 240 dots
	Display size	115(W)×86(H) [mm]	115(W)×86(H) [mm]	115(W)×86(H) [mm]
	Display character	40 characters × 15 lines	40 characters × 15 lines	16dot standard font: 40 characters × 15 lines 12dot standard font: 53 characters × 20 lines
F	Display color	8 colors	8 colors	256 colors
	Display angle	Left/Right: 50 degrees, Top: 45 degrees, Bottom: 60 degrees	Left/Right: 50 degrees, Top: 45 degrees, Bottom: 60 degrees	[H/W version: A or B] Left/Right: 50 degrees, Top: 50 degrees, Bottom: 60 degrees [H/W version: C or later] Left/Right: 55 degrees, Top: 65 degrees, Bottom: 70 degrees
	Contrast adjustment	Available	Available	16-level adjustment
	Intensity adjustment	-	-	8-level adjustment
	Life	Approx. 50,000 h (Operating ambient temperature: 25 $^{\circ}$ C)	Approx. 50,000 h (Operating ambient temperature: 25 $^\circ\!C$ )	Approx. 50,000 h (Operating ambient temperature: 25 °C)
	Max. number of registered screens	500 screens	500 screens	4096 screens
0	Туре	Cold cathode fluorescent tube (Non-replaceable) [Auto power off]	Cold cathode fluorescent tube (Non-replaceable) [Auto power off]	Cold cathode fluorescent tube (Non- replaceable) [Backlight shutoff detection function included, Backlight off/Screen saving time settable]
5	Life	40,000 h or more (Operating ambient temperature: 25 °C)	40,000 h or more (Operating ambient temperature: 25 °C)	Approx. 75,000 h or more (Operating ambient temperature: 25 °C)
	Color	White	White	White
T	Туре	Matrix resistive film	Matrix resistive film	Matrix resistive film
	Number of touch keys	50 keys/screen	50 keys/screen	300 keys/screen (15 lines × 20 columns)
	Key size	Minimum 16×20 dots (per key)	Minimum 16×20 dots (per key)	Minimum 16 × 16 dots (per key)
	Number of points touched simultaneously	Maximum of 2 points	Maximum of 2 points	Maximum of 2 points
f in the	For screen	512 Kbytes	512 Kbytes	Built-in flash memory 3 Mbytes
	For other data	Built-in SRAM: For storing alarm history, recipe data, and sampling data	Built-in SRAM: For storing alarm history, recipe data, and sampling data	Built-in SRAM: For storing alarm history (alarm log file) and recipe data

1

	Item	F943GOT-SBD-H,(-E)	F943GOT-SBD-RH,(-E)	GT1155HS-QSBD
Battery	Туре	FX2NC-32BL lithium battery	FX2NC-32BL lithium battery	GT11-50BAT lithium battery
	Backup target	Clock data, Alarm history, Recipe data, and Sampling data	Clock data, Alarm history, Recipe data, and Sampling data	Clock data, Alarm history, and Recipe data
ä	Life	Battery life: approx. 3 years	Battery life: approx. 3 years	Battery life: approx. 5 years (Operating ambient temperature: 25 °C)
	RS-422/232 (Common)	-	-	RS-422/232, 1ch each (Select one of them when used) Application: PLC communication
	RS-422	-	RS-422, 1ch, For PLC communication	-
rface	RS-232	1ch, Connector shape: D-sub 9 pins (Male), Application: PC connection 1ch, Connector shape: D-sub 9 pins (Male), Application: PLC communication	1ch, Connector shape: D-sub 9 pins (Male), Application: PC connection 1ch, Connector shape: D-sub 9 pins (Male), Application: PLC communication	RS-232, 1ch Connector shape: Mini-DIN 9 pins (Female), Application: PC connection
Built-in interface	USB (device)	-	-	USB (Full Speed 12 Mbps) device, 1ch Application: PC connection
Built	CF card	-	-	Compact flash slot, 1ch Connector shape: TYPE I Application: Data transfer and Data storage
	Option function board	-	-	[H/W version: A] For option function board installation, 1ch [H/W version: B or later] Option function board is built in the Handy GOT.
	Switch 1	Operation switch: 4 switches (4 contacts/common) N/O contact, Maximum rating: 10 mA/24 VDC, Life: 1,000,000 times	Operation switch: 4 switches (4 contacts/common) N/O contact, Maximum rating: 10 mA/24 VDC, Life: 1,000,000 times	Operation switch: 6 switches (6 contacts/common) N/O contact, Maximum rating: 10 mA/24 VDC, Life: 1,000,000 times
Switch	Switch 2	[Grip switch] 1 switch (Assigned as display section key or switch key), Life: 1,000,000 times or more [Emergency stop switch] 1 N/C contact ×1 switch (Single wiring), 1 A/24 VDC (Resistance load), Life: 100,000 times or more	[Deadman switch] 2 N/O contacts × 1 switch (Single wiring), 1 A/24 VDC (Resistance load), 3-position system of OFF-ON-OFF [Emergency stop switch] 2 N/C contacts × 1 switch (Single wiring), 1 A/24 VDC (Resistance load), Life: 100,000 times or more [Keylock switch (2-position switch)] 2-position × 1 switch, 1 A/24 VDC (Resistance load) A key can be inserted and removed only when turned to the left. When turned to the right, the key cannot be removed. Two keys are provided.	Grip: 1 switch (Single wiring), Enable switch (deadman switch) 3-position system of OFF-ON-OFF, 2 N/O contacts, Maximum rating: 1 A/24 VDC (Resistance load), Maximum rating: 0.3 A/24 VDC (Induction load) Emergency stop: 1 switch (Single wiring), 2 N/C contacts, Maximum rating 1 A/24 VDC (Resistance load), Maximum rating 0.3 A/ 24 VDC (Induction load) Keylock (2-position): 1 switch, 2-notch type (Manual stop at each position/A key can be inserted and removed only when turned to the left. When turned to the right, the key cannot be removed. Two keys are provided.), 2-position, Maximum rating: 1 A/24 VDC (Resistance load), Maximum rating 0.3 A/24 VDC (Induction load), Life: 100,000 times
	Buzzer output Single tone		Single tone	Single tone (Tone length adjustable)
Р	rotective structure	Equivalent to IP54	Equivalent to IP54	Equivalent to IP65f
E	xternal dimensions	156(W)×191(H)×63.5(D) [mm]	176(W)×191(H)×69.5(D) [mm]	176(W)×220(H)×93(D) [mm]
We	ight (Main unit only)	0.79 kg	0.87 kg	1.0 kg

### 1.2.12 Comparison between A950/953GOT-LBD-M3-H and GT1150HS-QLBD

_	Item		A950GOT-LBD-M3-H	A953GOT-LBD-M3-H	GT1150HS-QLBD
	External shape		A950GOT-LBD-W3-H	A955GOT-LBD-M3-H	GTTISUTIS-QLBD
С	onfor	med standard	UL/cUL	UL/cUL	CE(EMC), UL/cUL
		Туре	STN monochrome (white/black) LCD	STN monochrome (white/black) LCD	STN monochrome (white/black) LCD
		Screen size	5.7"	5.7"	5.7"
		Resolution	320×240 dots	320 × 240 dots	QVGA: 320 × 240 dots
	I	Display size	115(W)×86(H) [mm]	115(W)×86(H) [mm]	115(W)×86(H) [mm]
	Dis	splay character	40 characters × 15 lines	40 characters × 15 lines	16dot standard font: 40 characters × 15 lines 12dot standard font: 53 characters × 20 lines
	0	Display color	Monochrome (white/black)	Monochrome (white/black)	Monochrome (white/black) 16-tone
section	C	Display angle	Left/Right/Bottom: 30 degrees, Top: 20 degrees	Left/Right/Bottom: 30 degrees, Top: 20 degrees	Left/Right: 45 degrees, Top: 20 degrees, Bottom: 40 degrees
Display section		Contrast adjustment	Available	Available	16-level adjustment
	Intensity of LCD only		-	-	220 [cd/m2] (Adjustable in 8 levels)
		Intensity adjustment	-	-	8-level adjustment
		Life	Approx. 50,000 h (Operating ambient temperature: 25 °C)	Approx. 50,000 h (Operating ambient temperature: 25 °C)	Approx. 50,000 h (Operating ambient temperature: 25 °C)
		ax. number of istered screens	4096 screens	4096 screens	4096 screens
ght		Туре	Cold cathode fluorescent tube (Non-replaceable) [Auto power off] (Backlight off/Screen saving time settable)	Cold cathode fluorescent tube (Non-replaceable) [Auto power off] (Backlight off/Screen saving time settable)	Cold cathode fluorescent tube (Non-replaceable) [Backlight shutoff detection function included, Backlight off/Screen saving time settable]
Backlight	Life (Opera		40,000 h or more (Operating ambient temperature: 25 °C)	40,000 h or more (Operating ambient temperature: 25 °C)	Approx. 54,000 h or more (Time for display luminance to reach 50 % at the operating ambient temperature of 25 °C)
		Color	White	White	White
		Туре	Matrix resistive film	Matrix resistive film	Matrix resistive film
anel	Number of touch keys 300 keys/screen (15 lines × 20 colum		300 keys/screen (15 lines × 20 columns)	300 keys/screen (15 lines × 20 columns)	300 keys/screen (15 lines × 20 columns)
Touch panel		Key size	Minimum 16 × 16 dots (per key)	Minimum 16×16 dots (per key)	Minimum 16 × 16 dots (per key)
Tou		Imber of points touched imultaneously	Maximum of 2 points	Maximum of 2 points	Maximum of 2 points
lory	emory	For screen data	Built-in flash memory 3 Mbytes	Built-in flash memory 3 Mbytes	Built-in flash memory 3 Mbytes
Memory	User memory	For other data	-	-	Built-in SRAM: For storing alarm history, recipe data, and sampling data

1

REPLACEMENT MODEL SUMMARY

2

HARDAWARE

3

SCREEN DATA CONVERSION

4

SCREEN DATA CONVERSION OPERATION

5

PROJECT DATA COMPATIBILITY TABLE

6

CONFIRMATION AND SETTINGS AFTER CONVERSION

7

	Item	A950GOT-LBD-M3-H	A953GOT-LBD-M3-H	GT1150HS-QLBD
	Туре	-	-	GT11-50BAT lithium battery
Battery	Backup target	-	-	Clock data, Alarm history, and Recipe data
Bat	Life	-	-	Battery life reference: approx. 5 years (Operating ambient temperature: 25 °C)
	RS-422/232 (Common)	-	-	RS-422/232, 1ch each (Select one of them when used): For PLC communication
	RS-422	RS-422, 1ch, For PLC communication	-	-
ace	RS-232	RS-232, 1ch Connector shape: D-sub 9 pins (Male), Application: PC connection	RS-232, For PLC communication, 1ch, and For PC communication, 1ch (Connector shape: D-sub 9 pins (Male))	RS-232, 1ch Connector shape: Mini-DIN 9 pins (Female) Application: PC connection
Built-in interface	USB (device)	-	-	USB (Full Speed 12 Mbps) device, 1ch, Application: PC connection
Built-i	CF card	-	-	Compact flash slot, 1ch, Connector shape: TYPE I, Application: Data transfer and Data storage
	Option function board	-	-	[H/W version: A] For option function board installation, 1ch [H/W version: B or later] Option function board is built in the Handy GOT.
	Switch 1	Operation switch: 4 switches (4 contacts/common) N/O contact, Maximum rating: 10 mA/24 VDC Life: 1,000,000 times	Operation switch: 4 switches (4 contacts/common) N/O contact, Maximum rating: 10 mA/24 VDC Life: 1,000,000 times	Operation switch: 6 switches (6 contacts/common) N/O contact, Maximum rating: 10 mA/24 VDC Life: 1,000,000 times
Switch	Switch 2	[Grip switch] 1 switch (Assigned as display section key or switch key), Life: 1,000,000 times or more [Emergency stop switch] 1 N/C contact × 1 switch (Single wiring), 1 A/24 VDC (Resistance load), Life: 100,000 times or more	[Grip switch] 1 switch (Assigned as display section key or switch key), Life: 1,000,000 times or more [Emergency stop switch] 1 N/C contact ×1 switch (Single wiring), 1 A/24 VDC (Resistance load), Life: 100,000 times or more	Grip: 1 switch (Single wiring), Enable switch (deadman switch) 3-position system of OFF- ON-OFF, 2 N/O contacts, Maximum rating: 1 A/24 VDC (Resistance load), Maximum rating: 0.3 A/24 VDC (Induction load) Emergency stop: 1 switch (Single wiring), 2 N/ C contacts, Maximum rating 1 A/24 VDC (Resistance load), Maximum rating 0.3 A/24 VDC (Induction load) Keylock (2-position): 1 switch, 2-notch type (Manual stop at each position/A key can be inserted and removed only when turned to the left. When turned to the right, the key cannot be removed. Two keys are provided.), 2- position, Maximum rating: 1 A/24 VDC (Resistance load), Maximum rating 0.3 A/24 VDC (Induction load), Life: 100,000 times
	Buzzer output	Single tone	Single tone	Single tone (Tone length adjustable)
F	rotective structure	Equivalent to IP54	Equivalent to IP54	Equivalent to IP65f
E	xternal dimensions	156(W)×191(H)×63.5(D) [mm]	156(W)×191(H)×63.5(D) [mm]	176(W)×220(H)×93(D) [mm]
We	eight (Main unit only)	0.8 kg	0.8 kg	1.0 kg

#### Comparison between A950/953GOT-SBD-M3-H and GT1155HS-QSBD 1.2.13

	Item	A950GOT-SBD-M3-H	A953GOT-SBD-M3-H	GT1155HS-QSBD	Ļ	
External shape						
С	onformed standard	UL/cUL	UL/cUL	CE(EMC), UL/cUL		
	Туре	STN color LCD	STN color LCD	STN color LCD		
	Screen size	5.7"	5.7"	5.7"		
	Resolution	QVGA: 320 × 240 dots	QVGA: 320 × 240 dots	QVGA: 320×240 dots		
	Display size	115(W)×86(H) [mm]	115(W)×86(H) [mm]	115(W)×86(H) [mm]		
	Display character	40 characters × 15 lines	40 characters × 15 lines       40 characters × 15 lines       16dot standard font: 40 characters × 15 lines         12dot standard font: 53 characters × 20			
	Display color	8 colors	8 colors	256 colors		
ulsplay section	Display angle	Left/Right: 50 degrees, Top: 45 degrees, Bottom: 60 degrees	Left/Right: 50 degrees, Top: 45 degrees, Bottom: 60 degrees	[H/W version: A or B] Left/Right: 50 degrees, Top: 50 degrees, Bottom: 60 degrees [H/W version: C or later] Left/Right: 55 degrees, Top: 65 degrees, Bottom: 70 degrees	SCREEN DATA CONVERSION	
	Contrast adjustment	Available	Available	16-level adjustment	5	
	Intensity adjustment	-	-	8-level adjustment	PROJECT DATA COMPATIBILITY TABLE	
	Life	Approx. 50,000 h (Operating ambient temperature: 25 °C)	Approx. 50,000 h (Operating ambient temperature: 25 °C)	Approx. 50,000 h (Operating ambient temperature: 25 °C)		
	Max. number of registered screens	4096 screens	4096 screens	4096 screens	РК	
ignt	Туре	Cold cathode fluorescent tube (Non-replaceable) [Auto power off] (Backlight off/Screen saving time settable)	Cold cathode fluorescent tube (Non-replaceable) [Auto power off] (Backlight off/Screen saving time settable)	Cold cathode fluorescent tube (Non-replaceable) [Backlight shutoff detection function included, Backlight off/Screen saving time settable]	CONFIRMATION AND	
Daunigin	Life	40,000 h or more (Operating ambient temperature: 25 °C)	40,000 h or more (Operating ambient temperature: 25 °C)	Approx. 75,000 h or more (Time for display luminance to reach 50 % at the operating ambient temperature of 25 °C)	CONFIRM	
	Color	White	White	White		
	Туре	Matrix resistive film	Matrix resistive film	Matrix resistive film		
	Number of touch keys	300 keys/screen (15 lines×20 columns)	300 keys/screen (15 lines×20 columns)	300 keys/screen (15 lines × 20 columns)		
	Key size	Minimum 16 × 16 dots (per key)	Minimum 16×16 dots (per key)	Minimum 16 × 16 dots (per key)		
гоист рапет	Number of points touched simultaneously	Maximum of 2 points	Maximum of 2 points	Maximum of 2 points		
or y	For screen E data	Built-in flash memory 3 Mbytes	Built-in flash memory 3 Mbytes	Built-in flash memory 3 Mbytes	JECT	
Memory	ຍັ For other data	-	-	Built-in SRAM: For storing alarm history (alarm log file) and recipe data	ING PROJEC	

1

1 - 27

	Item	A950GOT-SBD-M3-H	A953GOT-SBD-M3-H	GT1155HS-QSBD
	Туре	-	-	GT11-50BAT lithium battery
Battery	Backup target	-	-	Clock data, Alarm history, and Recipe data
Bat	Life	-	-	Battery life reference: approx. 5 years (Operating ambient temperature: 25 °C)
	RS-422/232 (Common)	-	-	RS-422/232, 1ch each (Select one of them when used) Application: PLC communication
	RS-422	RS-422, 1ch, For PLC communication	-	-
Built-in interface	RS-232	RS-232, 1ch Connector shape: D-sub 9 pins (Male), Application: PC connection	RS-232, For PLC communication, 1ch, and For PC communication, 1ch (Connector shape: D-sub 9 pins (Male))	RS-232, 1ch Connector shape: Mini-DIN 9 pins (Female) Application: PC connection
	USB (device)	-	-	USB (Full Speed 12 Mbps) device, 1ch, Application: PC connection
	CF card	-	-	Compact flash slot, 1ch Connector shape: TYPE I, Application: Data transfer and Data storage
	Option function board	-	-	[H/W version: A] For option function board installation, 1ch [H/W version: B or later] Option function board is built in the Handy GOT.
	Switch 1	Operation switch: 4 switches (4 contacts/common) N/O contact, Maximum rating: 10 mA/24 VDC Life: 1,000,000 times	Operation switch: 4 switches (4 contacts/common) N/O contact, Maximum rating: 10 mA/24 VDC Life: 1,000,000 times	Operation switch: 6 switches (6 contacts/common) N/O contact, Maximum rating: 10 mA/24 VDC Life: 1,000,000 times
Switch	Switch 2	[Grip switch] 1 switch (Assigned as display section key or switch key), Life: 1,000,000 times or more [Emergency stop switch] 1 N/C contact × 1 switch (Single wiring), 1 A/24 VDC (Resistance load), Life: 100,000 times or more	[Grip switch] 1 switch (Assigned as display section key or switch key), Life: 1,000,000 times or more [Emergency stop switch] 1 N/C contact × 1 switch (Single wiring), 1 A/24 VDC (Resistance load), Life: 100,000 times or more	<ul> <li>Grip: 1 switch (Single wiring), Enable switch (deadman switch) 3-position system of OFF- ON-OFF, 2 N/O contacts, Maximum rating: 1 A/24 VDC (Resistance load),</li> <li>Maximum rating: 0.3 A/24 VDC (Induction load)</li> <li>Emergency stop: 1 switch (Single wiring), 2 N/C contacts, Maximum rating 1 A/24 VDC (Resistance load),</li> <li>Maximum rating 0.3 A/24 VDC (Induction load)</li> <li>Keylock (2-position): 1 switch, 2-notch type (Manual stop at each position/A key can be inserted and removed only when turned to the left. When turned to the right, the key cannot be removed. Two keys are provided.), 2-position, Maximum rating: 1 A/24 VDC (Resistance load), Maximum rating 0.3 A/24 VDC (Induction load), Life: 100,000 times</li> </ul>
	Buzzer output	Single tone	Single tone	Single tone (Tone length adjustable)
Р	Protective structure	Equivalent to IP54	Equivalent to IP54	Equivalent to IP65f
E	xternal dimensions	156(W)×191(H)×63.5(D) [mm]	156(W)×191(H)×63.5(D) [mm]	176(W)×220(H)×93(D) [mm]
We	eight (Main unit only)	0.8 kg	0.8 kg	1.0 kg

#### 1.2.14 Comparison between F940WGOT-TWD,(-C),(-E) and GT1155-QTBD/ GT1555-VTBD

		Item	F940GOT-TWD,(-C),(-E)	GT1155-QTBD	GT1555-VTBD	
	Exte	ernal shape				
20	onfori	med standard	<ul> <li>F940WGOT-TWD,(-C): -</li> <li>F940WGOT-TWD-E: CE(EMC), UL/cUL</li> </ul>	CE(EMC), UL/cUL	CE(EMC), UL/cUL	
		Туре	TFT color LCD	TFT color LCD	TFT color LCD (high intensity, wide angle view)	
Ī	Ś	Screen size	7"	5.7"	5.7"	
ľ		Resolution	480×234 dots	QVGA: 320 × 240 dots	VGA: 640 × 480 dots	
ľ	[	Display size	155.5(W)×87.8(H) [mm]	115(W) × 86(H) [mm] (Horizontal format)	115(W)×86(H) [mm]	
	Display character 60 characters × 14 lines		60 characters × 14 lines	16dot standard font: 40 characters × 15 lines 12dot standard font: 53 characters × 20 lines (Horizontal format)	16dot standard font: 80 characters × 30 lines 12dot standard font: 106 characters × 40 lines	
	C	Display color	256 colors	256 colors	65536 colors	
	D	Display angle	-	Left/Right: 70 degrees, Top: 70 degrees, Bottom: 50 degrees (Horizontal format)	Left/Right: 80 degrees, Top: 80 degrees, Bottom: 70 degrees	
_		Contrast adjustment	-	-	-	
		Intensity adjustment	-	8-level adjustment	8-level adjustment	
		Life Approx. 50,000 h (Operating ambient temperature: 25 °C)		Approx. 50,000 h (Operating ambient temperature: 25 °C)	Approx. 50,000 h (Operating ambient temperature: 25 °C)	
		ax. number of registered 500 screens screens		4096 screens	4096 screens	
		Туре	Cold cathode fluorescent tube (Non-replaceable) [Auto power off]	Cold cathode fluorescent tube (Non-replaceable) [Backlight shutoff detection function included, Backlight off/Screen saving time settable]	Cold cathode fluorescent tube (Non-replaceable) [Backlight shutoff detection function included, Backlight off/Screen saving time settable]	
í		Life	50,000 h or more (Operating ambient temperature: 25 °C)	Approx. 75,000 h or more (Operating ambient temperature: 25 °C)	Approx. 75,000 h or more (Operating ambient temperature: 25 °C)	
		Color	White	White	White	
T		Туре	Matrix resistive film	Matrix resistive film	Matrix resistive film	
	Nu	mber of touch keys	50 keys/screen	300 keys/screen (15 lines × 20 columns)	1200 keys/screen (30 lines × 40 columns)	
		Key size	Minimum 16×20 dots (per key), Lowest line: 16×14 dots (per key)	Minimum 16 × 16 dots (per key)	Minimum 16 × 16 dots (per key)	
	Number of points touched Maximum of 2 points simultaneously		Maximum of 2 points	Maximum of 2 points	Maximum of 2 points	
, ioi	program	For screen data	Built-in flash memory 1 Mbytes	Built-in flash memory 3 Mbytes	Built-in flash memory 9 Mbytes	
	User pr	For other data	Built-in SRAM: For storing alarm history, recipe data, and sampling data	Built-in SRAM: For storing alarm history (alarm log file) and recipe data	-	

1

REPLACEMENT MODEL SUMMARY

	Item	F940GOT-TWD,(-C),(-E)	GT1155-QTBD	GT1555-VTBD	
	Туре	PM-20BL lithium battery	GT11-50BAT lithium battery	GT15-BAT lithium battery (Option)	
Battery	Backup target	Clock data, Alarm history, Recipe data, and Sampling data	Clock data, Alarm history and Recipe data	Clock data, Maintenance time notification data	
В	Life	Battery life: approx. 5 years	Battery life: approx. 5 years (Operating ambient temperature: 25 °C)	Battery life: approx. 5 years (Operating ambient temperature: 25 °C)	
	RS-422	RS-422, 1ch Connector shape: D-sub 9 pins (Female), Application: PLC communication	RS-422, 1ch Connector shape: D-sub 9 pins (Female) Application: PLC communication	-	
	RS-232	RS-232, 2ch Connector shape: D-sub 9 pins (Male), Application: PC connection, PLC communication, and Barcode reader connection	RS-232, 1ch Connector shape: D-sub 9 pins (Male) Application: PLC communication, PC connection, and Barcode reader connection	RS-232, 1ch Connector shape: D-sub 9 pins (Male), Application: PLC communication, PC connection, and Barcode reader connection	
Built-in interface	USB (device)	-	USB (Full Speed 12 Mbps) device, 1ch Connector shape: TYPE Mini-B Application: PC connection	USB (Full Speed 12 Mbps) device, 1ch Connector shape: TYPE Mini-B Application: PC connection	
Built-ir	CF card	-	Compact flash slot, 1ch Connector shape: TYPE I, Application: Data transfer and Data storage	Compact flash slot, 1ch Connector shape: TYPE I, Application: Data transfer, Data storage, and GOT startup	
	Option function board	For Screen data transfer board installation, 1ch	[H/W version: A] For option function board installation, 1ch [H/W version: B or later] Option function board is built in the GOT.	For option function board installation, 1ch	
	Extension unit	-	-	For communication unit/option unit installation, 1ch	
	Buzzer output	Single tone	Single tone (Tone length adjustable)	Single tone (Tone length adjustable)	
F	Protective structure	Equivalent to IP65f (Front section)	IP67f (Front section)	IP67f (Front section)	
E	xternal dimensions	215(W)×133(H)×70.6(D) [mm]	164(W)×135(H)×56(D) [mm]	167(W)×135(H)×60(D) [mm]	
_	Panel cutting dimensions	206(+1 -0)(W)×124(+1 -0)(H) [mm]	153(+2 -0)(W)×121(+2 -0)(H) [mm]	153(+2 -0)(W)×121(+2 -0)(H) [mm]	
(E	Weight xcluding installation fitting)	1.0 kg	0.7 kg	1.1 kg	

#### 1.3 **Comparison of Functions**

The following compares the functions of the A95 GOT- BD-M3-H and GOT1000 Series. When converting the project data, refer to 5. PROJECT DATA COMPATIBILITY TABLE.

#### 1.3.1 Comparison of functions between the A95[ ]GOT-[ ]BD-M3-H and GT115[ ]HS-Q[ ]BD

Class	Function description	Mod	Model			
		A95□GOT-□BD-M3-H	GT115 HS-Q BD			
	Indirect specification (Offset device)	0	0			
	PC station number switching	0	×			
	Touch switch	0	0			
	Numeric display	0	0			
	ASCII display	0	0			
	Numeric input	0	0			
	ASCII input	0	0			
	Data list display	0	0			
	Clock display	0	0			
	Comment display	0	0			
	Alarm history display	0	0			
	Alarm flow display	0	0			
	Alarm list display	0	0			
	Component display	0	0			
	Component movement display	0	0			
ain unit	Lamp display	0	0			
nctions	Trend graph	0	0			
	Line graph	0	0			
	Locus chart display	0	0			
	Scatter graph	0	0			
	Bar graph	0	0			
	Statistical graph	0	0			
	Level display	0	0			
	Superimposed window display	0	0			
	Overlap window display	0	0			
	Screen reading	0	0			
	System information	0	0			
	Status monitor	0	0			
	Password (Security)	0	0			
	Recipe	0	0			
	Kana-kanji conversion	0	×			
	Font change function	×	×			

REPLACEMENT MODEL SUMMARY

2

Class	Function description	Model			
Class		A95□GOT-□BD-M3-H	GT115□HS-Q□BD		
	Ladder monitor (including cause search function/touch search function)	×	×		
	List program edit	0	0		
	System monitor	0	0		
Maintenance function	Special module monitor	×	×		
	Network monitor	0	×		
	Motion monitor	0	×		
	Servo amplifier monitor	0	×		

## 1.3.2 Comparison of functions between the F900 Series and GOT1000 Series

						Model		[		-		AFNIT
Class	Function description			F	900 Series	1		GOT100	0 Series	Remark	Refere	
01855			F940WGOT F94∏GOT	F93∏ GOT	F930 GOT-K	F920 GOT-K	F94∏ Handy GOT	GT10, GT11	GT15	T CHILIK	nce	
	display	Word comment	0	0	0	0	0	0	0	-	-	
	Comment display	Bit comment	0	0	0	0	0	0	0	-	-	
	A	SCII display	0	0	0	0	0	0	0	-	-	
	,	ASCII input	0	0	0	0	0	0	0	-	-	
Ø	Bit map display		0	0	0	0	0	0	0	-	-	
	play	Bit parts	0	0	0	0	0	0	0	-	-	<
/alue	Parts display	Word parts	0	0	0	0	0	0	0	-	-	
rical v	Par	Fixed parts	0	0	0	0	0	0	0	-	-	Ĺ
lumei	Lamp display	Bit lamp	0	0	0	0	0	0	0	-	-	
Text/Figure/Numerical value		Bit lamp area	0	0	0	0	0	×	×	Not supported. However, an alternative is available.	6.1.21	4
Te		Screen lamp	0	0	0	0	0	×	×	Not supported. However, an alternative is available.	6.1.22	SCREEN DATA
		External lamp	×	×	O <sup>*1</sup>	×	O <sup>*1</sup>	×	×	Not supported. However, an alternative is available.	6.1.23	SCRE
	Numerical display		0	0	0	0	0	0	0	-	-	
	Nu	imerical input	0	0	0	0	0	0	0	-	-	TA
	I	Panelmeter	0	0	0	0	0	0	0	-	-	PROJECT DATA
	Dat	e/Time display	0	0	0	O <sup>*2</sup>	0	0	0	-	-	OUEC
		Line graph	0	0	0	×	0	0	0	-	-	РК
	٦	Frend graph	0	0	0	×	0	0	0	-	-	
		Bar graph	0	0	0	0	0	0	0	-	-	AND
Graph	Circle graph		0	0	0	0	0	×	×	Not supported. However, an alternative is available.	6.1.37	CONFIRMATION AND
	aph	Bar graph	0	0	0	×	0	0	0	-	-	CONF
	Statistics graph	Pie graph	0	0	0	×	0	0	0	-	-	
		larm history display	0	0	0	0	0	0	0	-	-	
Alarm	Ala	rm list display	0	0	0	0	0	0	0	-	-	
1	FI	oating alarm display	0	0	0	0	0	0	0	-	-	



1

							Model					
					F	900 Series			GOT100	) Series		Refere
CI	ass	Fund	inction description	F940WGOT F94∏GOT	F93∏ GOT	F930 GOT-K	F920 GOT-K	F94⊟ Handy GOT	GT10, GT11	GT15	Remark	nce
		٦	ouch switch	0	0	0	×	0	0	0	-	-
	Key	Fu	inction switch	×	×	0	0	×	×	0	Not supported. However, an alternative is available.	6.1.10
			Bit switch	0	0	0	0	0	0	0	-	-
		Da	ata set switch	0	0	0	0	0	0	0	-	-
Kev		Go to screen switch		0	0	0	×	0	0	0	-	-
	Switch function	Special function switch		0	0	0	0	0	0	0	-	-
	Switch	Data change switch		0	0	0	0	0	0	0	-	-
		Recipe transfer switch		0	0	0	×	0	×	×	Not supported. However, an alternative is available.	6.1.18
		Ke	y code switch	0	0	0	×	0	0	0	-	-
	ons	Stat	us observation	0	0	0	0	0	0	0	-	-
	ultipuc	Time action		0	0	0	O <sup>*2</sup>	0	0	0	-	-
	Operation for conditions	Re	ecipe function	0	0	0	0	0	0	0	-	-
			Security	0	0	0	0	0	0	0	-	-
	ers	Set	overlay screen	0	0	0	0	0	0	0	-	-
	Others	P	Printer output	0	0	0	×	×	×	0	-	-
		Ва	arcode read <sup>*3</sup>	0	0	0	×	×	0	0	-	-
		unction	Buffer memory monitor	0	×	×	×	0	×	×	Not supported.	-
		Monitor test function	Device monitor	0	0	0	0	0	0	0	-	-
	Debug	Monit	2 port interface <sup>*4</sup>	0	0	0	O <sup>*5</sup>	×	0	0	-	-
2		Program editor	List program	0	×	×	×	0	O <sup>*6</sup>	0	-	-

\*1 Used for LED display of the function switch, operation switch (F94 Handy GOT only), grip switch, and deadman switch.

\*2 Supported only when the GOT is connected to a FX Series PLC supporting the clock function.

\*3 A barcode reader is required separately.

\*4 Supported only when connected with FX Series, A, QnA, and Q (except QnU) serial communication modules.

\*5 Only direct connection of a FX Series programmable controller CPU is supported.

\*6 Not supported in the GT1020 and GT1030.

#### 1.3.3 Connectable model list

		F940WGOT	F940	)GOT	F930GC	T	F930GOT-K	ENT	
	Programmable controller ↔ GOT connection-compliant	F940WGOT- TWD,(-E),(-C)	F940GOT-SWD ,(-E),(-C) F940GOT-LWD ,(-E),(-C)	F943GOT-SWD F943GOT-LWD	F930GOT- BWD,(-E),(-C),(-T)	F933GOT- BWD	F930GOT- BBD-K,(-E),(-C)	REPLACEMENT MODEL SUMMARY	
	MELSEC FX Series <sup>*1</sup>	0	0	△*3	0	$\triangle^{*3}$	0	2	
	MELSEC-A,QnA Series CPU, A motion controller	0	0	×	0	×	0	ш	
도	MELSEC-Q Series (including multiple CPU) <sup>*2</sup>	0	0	0	0	0	0	HARDAWARE	
MITSUBISHI	A computer link module QnA, Q serial communication module <sup>*2</sup>	0	0	0	0	0	0	3 HAR	
Σ	CC-Link (Q Series) <sup>*2</sup>	×	×	×	×	×	×	0	
	Positioning for FX Series (FX2N-10/20GM)	0	0	0	0	×	0	ION	
	MITSUBISHI inverter (FREQROL-A500,E500,S500)	0	0	0	0	×	0	SCREEN DATA CONVERSION	
	General equipment (such as Microcomputer board)	0	0	0	0	0	0	<b>4</b>	
	OMRON (SYSMAC)	0	0	0	0	0	0		
	FUJI (FLEX-PC N Series)	0	0	0	0	0	0	<b>∢</b> -	
	PANASONIC (FP Series)	0	0	0	0	0	0	DAT SION	
arty	YASKAWA (Machine controller MP920, MP930, CP9200SH)	0	0	0	0	0	0	SCREEN DATA CONVERSION OPERATION	
Third party	Allen-Bradley (SLC500,MicroLogix Series)	0	0	0	0	0	0	»٥٥ 5	
	SIEMENS (SIMATIC S7-200,S7-300 Series)	0	0	0	0	0	0	T DATA IBILITY	
	Barcode reader and General printer	0	O <sup>*4</sup>	O <sup>*4</sup>	O <sup>*4</sup>	0	O <sup>*4</sup>		
	Multiple-GOT connection (FX <sup>*1</sup> , A,QnA, Q <sup>*2</sup> Series, General equipment)	0	0	0	0	0	0	PROJECT DATA COMPATIBILITY TABLE	

\*1 For FX3u and FX3uc Series programmable controllers, F900 Series have functional restrictions on "Instruction", "Device area", "Program size", and others (which are supported by the FX2N and FX2NC programmable controllers). For FX3G Series programmable controllers, F900 Series have functional restrictions of "Instruction", "Device area", "Program size", and others (which are supported by FX1N and FX1Nc programmable controllers).

Do not use the "List program", "parameter", and "list monitor" functions of "HPP mode".

\*2 The F900 Series cannot be connected with a QnUCPU.

\*3 For FX1s, FX1N, FX2N, FX1NC, FX2NC, communication board or adapter is required.

\*4 When RS-232C is not used, one can be connected.

> COMPATIBILITY OF SYSTEM SCREENS 8 WRITING PROJECT DATA AND OS TO THE GOT

CONFIRMATION AND SETTINGS AFTER CONVERSION

7

		F920GC	)T-K	F940 Ha	ndy GOT	A950 Handy GOT		
	Programmable controller ↔ GOT connection-compliant	F920GOT- BBD-K,(-E),(-C)	F920GOT- BBD5-K ,(-E),(-C)	F940GOT- SBD-H,(-E) F940GOT- LBD-H,(-E)	F943GOT- SBD-H,(-E) F943GOT- LBD-H,(-E)	A950GOT- SBD-M3-H A950GOT-LBD- M3-H	A953GOT- SBD-M3-H A953GOT-LBD- M3-H	
	MELSEC FX Series <sup>*1</sup>	0	0	0	0	0	0	
	MELSEC-A,QnA Series CPU, A motion controller	O <sup>*3</sup>	O <sup>*3</sup>	0	×	0	×	
IHS	MELSEC-Q Series (including multiple CPU) <sup>*2</sup>	0	0	×	0	×	0	
MITSUBISHI	A computer link module QnA, Q serial communication module <sup>*2</sup>	0	×	0	0	0	0	
	CC-Link (Q Series) <sup>*2</sup>	×	×	0	×	0	×	
	Positioning for FX Series (FX2N-10/20GM)	×	×	0	×	×	×	
	MITSUBISHI inverter (FREQROL-A500,E500,S500)	×	×	0	×	×	×	
	General equipment (such as Microcomputer board)	0	×	0	0	0	0	
	OMRON (SYSMAC)	0	×	0	0	0	0	
	FUJI (FLEX-PC N Series)	×	×	0	0	×	×	
	PANASONIC (FP Series)	0	×	×	0	×	×	
arty	YASKAWA (Machine controller MP920, MP930, CP9200SH)	×	×	0	0	0	0	
Third party	Allen-Bradley (SLC500,MicroLogix Series)	0	×	×	0	0	0	
	SIEMENS (SIMATIC S7-200,S7-300 Series)	O Except S7-200	×	×	0	×	0	
	Barcode reader and General printer	×	×	×	×	×	×	
	Multiple-GOT connection (FX <sup>*1</sup> , A,QnA, Q <sup>*2</sup> Series, General equipment)	×	×	O <sup>*4</sup>	O <sup>*4</sup>	×	×	

\*1 For FX3U and FX3UC Series programmable controllers, F900 Series have functional restrictions on "Instruction", "Device area", "Program size", and others (which are supported by FX2N and FX2NC programmable controllers). For FX3G Series programmable controllers, F900 Series have functional restrictions on "Instruction", "Device area", "Program size", and others (which are supported by FX1N and FX1NC programmable controllers).

Do not use the "program list", "List program", and "list monitor" functions of "HPP mode".

\*2 The F900 Series cannot be connected with a QnUCPU.

\*3 A motion controller cannot be connected.

\*4 One can be connected at the end.

	Programmable controller ↔		GT10		GT11	GT15
	GOT connection-compliant	GT105	GT1040	GT1030	GT115□	GT155
	MELSEC FX Series	0	0	0	0	0
	MELSEC-A,QnA Series CPU, A motion controller	0	0	0	0	0
IHS	MELSEC-Q Series (including multiple CPU)	0	0	0	0	0
MITSUBISHI	A computer link module QnA, Q serial communication module	0	0	0	0	0
2	CC-Link (Q Series)	0	0	0	0	0
	Positioning for FX Series (FX2N-10/20GM)	×	×	×	×	×
	MITSUBISHI inverter (FREQROL-A500,E500,S500)	0	0	0	0	0
	General equipment (such as Microcomputer board)	0	0	0	0	0
	OMRON (SYSMAC)	0	0	0	0	0
	FUJI (FLEX-PC N Series)	×	×	×	×	×
~	PANASONIC (FP Series)	0	0	0	0	0
Third party	YASKAWA (Machine controller MP920, MP930, CP9200SH)	0	0	0	0	0
Ē	Allen-Bradley (SLC500,MicroLogix Series)	0	0	0	0	0
	SIEMENS (SIMATIC S7-200, S7-300 Series)	0	0	0	0	0
	Barcode reader and General printer	$\triangle^{*1}$	∆*1	$\triangle^{*1}$	$\triangle^{*1}$	$\triangle^{*1}$
	Multiple-GOT connection (FX, A, QnA, Q Series, General equipment) *1 A general printer is r	O*2	O*2	O*2	O*2	O <sup>*2</sup>

\*1 A general printer is not supported.

\*2 Only two GOTs can be connected.

1 - 37

1

**B** REPLACEMENT MODEL SUMMARY

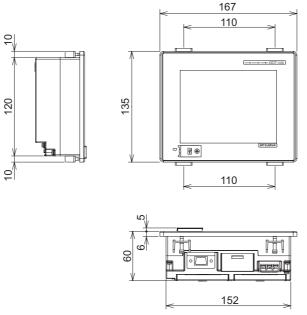
# 2. HARDAWARE

## 2.1 Control Panel Interior Dimensions for Mounting GOT

## 2.1.1 GT155[]

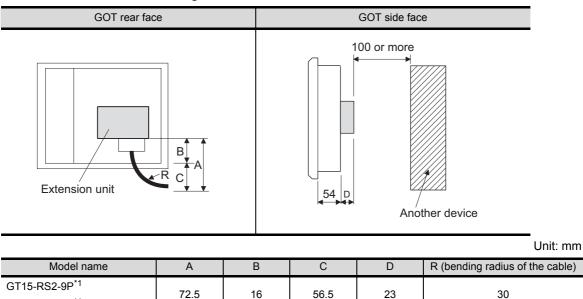
Consider the following control panel interior dimensions when mounting the GOT. For details, refer to the [GT15 User's Manual].

## External dimensions



Unit: mm

Depth dimension and cable bending dimensions of the GOT with extension unit



*1 For cables prepared by the user, dimensions are different.	
---	--

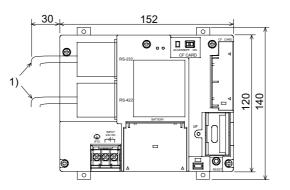
2. HARDAWARE 2.1 Control Panel Interior Dimensions for Mounting GOT

GT15-RS4-9S\*1

## 2.1.2 GT11

Consider the following control panel interior dimensions when mounting the GOT. For details, refer to the [GT11 User's Manual].

■ GT1155-QTBD



No.	Name	
1)	PLC connection cable/PC connection cable	

## POINT,

### Applicable cable

Some cables may need to be longer than the specified dimensions when connecting to the GOT. Therefore, consider connector dimensions and bending radius of the cable as well for installation.



2 - 2

1

REPLACEMENT MODEL SUMMARY

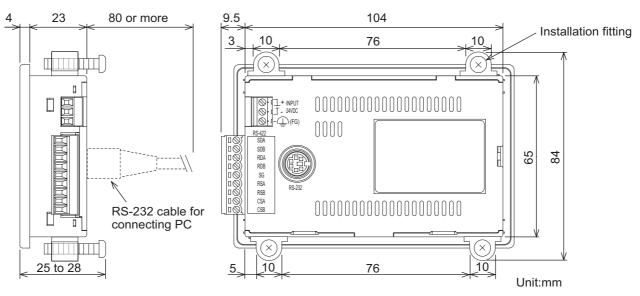
2

Unit: mm

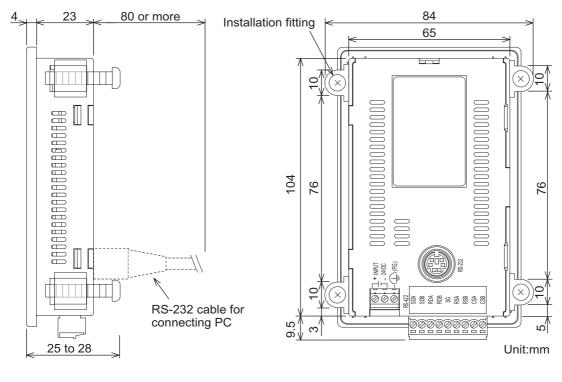
## 2.1.3 GT1020

Consider the following control panel interior dimensions when mounting the GOT. For details, refer to the [GT10 User's Manual].

#### Horizontal format



Vertical format (If the vertical format is selected, the dimensions, which are rotated 90 degrees clockwise when looking at the display side, are required.)



## POINT,

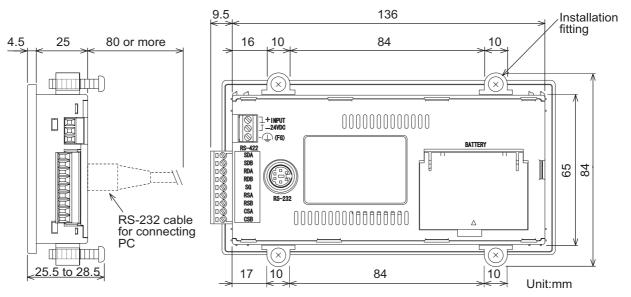
#### Applicable cable

Some cables may need to be longer than the specified dimensions when connecting to the GOT. Therefore, consider connector dimensions and bending radius of the cable as well for installation.

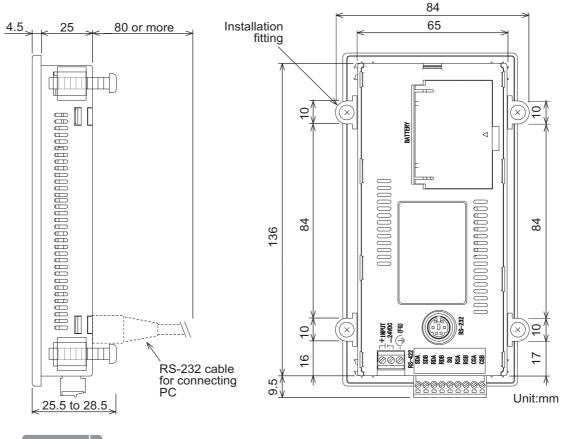
## 2.1.4 GT1030

Consider the following control panel interior dimensions when mounting the GOT. For details, refer to the [GT10 User's Manual].

#### Horizontal format



Vertical format (If the vertical format is selected, the dimensions, which are rotated 90 degrees clockwise when looking at the display side, are required.)



POINT,

Applicable cable

Some cables may need to be longer than the specified dimensions when connecting to the GOT. Therefore, consider connector dimensions and bending radius of the cable as well for installation.

1

REPLACEMENT MODEL SUMMARY

2

HARDAWARE

3

SCREEN DATA CONVERSION

4

SCREEN DATA CONVERSION OPERATION

5

PROJECT DATA COMPATIBILITY TABLE

6

CONFIRMATION AND SETTINGS AFTER CONVERSION

7

COMPATIBILITY OF SYSTEM SCREENS

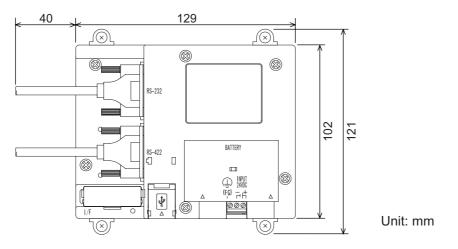
8

WRITING PROJECT DATA AND OS TO THE GOT

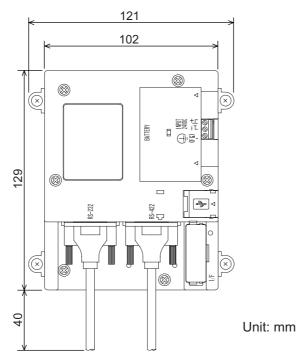
## 2.1.5 GT104[]

Consider the following control panel interior dimensions when mounting the GOT. For details, refer to the [GT10 User's Manual].

#### Horizontal format



Vertical format (If the vertical format is selected, the dimensions, which are rotated 90 degrees clockwise when looking at the display side, are required.)



## POINT,

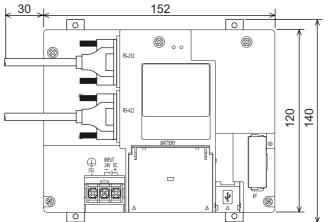
#### Applicable cable

Some cables may need to be longer than the specified dimensions when connecting to the GOT. Therefore, consider connector dimensions and bending radius of the cable as well for installation.

## 2.1.6 GT105[]

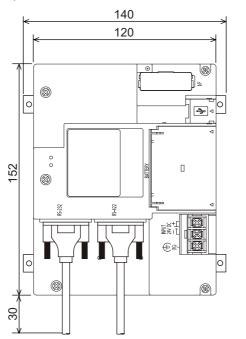
Consider the following control panel interior dimensions when mounting the GOT. For details, refer to the [GT10 User's Manual].





Unit: mm

Vertical format (If the vertical format is selected, the dimensions, which are rotated 90 degrees clockwise when looking at the display side, are required.)



## POINT, ļ.

Applicable cable

Some cables may need to be longer than the specified dimensions when connecting to the GOT. Therefore, consider connector dimensions and bending radius of the cable as well for installation. 1

REPLACEMENT MODEL SUMMARY

2

HARDAWARE

3

SCREEN DATA CONVERSION

4

SCREEN DATA CONVERSION OPERATION

5

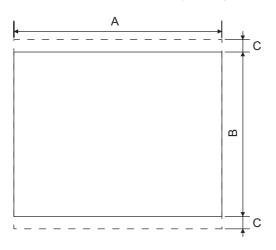
PROJECT DATA COMPATIBILITY TABLE

6

Unit: mm

## 2.2 Panel Cutting Dimensions

The following shows the specified dimensions for mounting on a panel (for the horizontal format). If the vertical format is selected, the dimensions must be rotated by 90 degrees.



GOT-F900 Series		A (Tolerance)	B (Tolerance)	С	Recommended model for replacement (GOT1000 Series)	A (Tolerance)	B (Tolerance)	С
Mounted on panel <sup>*1</sup>	F920GOT-K	92 mm (+1.0)	119 mm (+1.0)	10 mm or more	GT1030	137 mm (+1.0)	66 mm (+1.0)	13 mm or more
(with keypad)	F930GOT-K	155 mm (+1.0)	170 mm (+1.0)	10 mm or more	GT1040	130 mm (+1.0)	103 mm (+1.0)	13 mm or more
	F93□GOT	137 mm (+1.0)	66 mm (+1.0)	10 mm or more	GT1030	137 mm (+1.0)	66 mm (+1.0)	13 mm or more
Mounted on panel	F94□GOT	153 mm (+1.0)	121 mm (+1.0)	10 mm or more	GT105□	153 mm (+2.0)	121 mm (+2.0)	10 mm or more
	F940WGOT <sup>*2</sup>	206 mm (+1.0)	124 mm (+1.0)	10 mm or more	GT1155 GT1555	153 mm (+2.0)	121 mm (+2.0)	10 mm or more

\*1 The screen size of recommended models for replacement for the display with a keypad is selected so that the keypad function can be substituted for with touch switches. Therefore, the panel cutting dimensions of the display with a keypad differ from that of the recommended models for replacement.

\*2 The panel cutting dimensions of F940W-GOT differ from that of GT1155-QTBD and GT1555-VTBD.

When changing panel cutting dimensions is difficult, use the optional attachment GT15-50ATT-95W of the option.

## 2.2.1 Attachment

The following attachment is applicable for the GT1155-QTBD and GT1555-VTBD.

Model name	Description		
GT15-50ATT-95W	5.7" attachment	F940WGOT → GT1155-QTBD	
	5.7 attachment	F940WGOT → GT1555-VTBD	

POINT,

Precautions when installing the attachment

• The attachment can be used when the installation panel thickness is 1.2 to 3 mm.

If the installation panel thickness exceeds 3 mm, the GOT cannot be replaced by using the attachment.

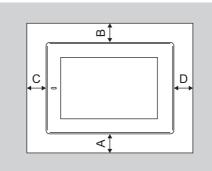
 Replacing GOT with the attachment is not compliant with the standard IP65f, IP67f, NEMA4 for waterproof and dustproof.

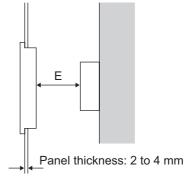
## 2.3 Mounting Position

## 2.3.1 Mounting position

When mounting the GOT (in the horizontal format), the following clearances must be maintained from other objects and devices.

If the vertical format is selected, the dimensions, which are rotated 90 degrees clockwise when looking at the display side, are required.





GT1020, GT1030

Installation Environment	А	В	С	D	E
In the presence of radiated-noise or heat-generating equipment nearby	50 mm or more	50 mm or more	50 mm or more	50 mm or more	80 mm or more
In the absence of radiated-noise or heat-generating equipment nearby	20 mm or more <sup>*1</sup>	20 mm or more	20 mm or more		20 mm or more <sup>*2</sup>

\*1 50 mm or more if an RS-232/USB conversion adaptor is used.

\*2 80 mm or more if a PC connection cable is used or if an RS-232 interface for PC is used to connect multiple GOT units. 50 mm or more if an RS-232/USB conversion adaptor is used and is connected to the RS-232 cable for PC.

GT104□, GT105□

\*3

\*5

\*7

Installation Environment	А	В	С	D	Е
In the presence of radiated-noise or heat-generating equipment nearby	50 mm or more	80 mm or more	50 mm or more	50 mm or more	100 mm or more
In the absence of radiated-noise or heat-generating equipment nearby	20 mm or more <sup>*3</sup>				

80 mm or more if an USB cable, on memory board is used.

GT115

		В	(	E		
Installation Environment	A, D		When the CF card is not used	When the CF card is used		
In the presence of radiated-noise or heat-generating equipment nearby	50 mm or more	80 mm or more <sup>*4</sup>	50 mm or more <sup>*5</sup>	100 mm or	100 mm or more	
In the absence of radiated-noise or heat-generating equipment nearby	20 mm or more	20 mm or more	20 mm or more	more	20 mm or more	
*4 EQ and a more from the limit limit						

50 mm or more for vertical installation 80 mm or more for vertical installation

GT155🗆

	A*7				
Installation Environment	GOT only	Serial communication unit fitted	Printer unit fitted	CF card unit	CF card extension unit
In the presence of radiated-noise or heat-generating equipment nearby	49 mm or more 49 mm or more	<b>10</b> mm or more	50 mm or more	50 mm or more	97 mm or
In the absence of radiated-noise or heat-generating equipment $\operatorname{nearby}^{*6}$		29 mm or more	20 mm or more	more	

В	C		D	F
b	When the CF card is not used	When the CF card is used	d	L
80 mm or more	50 mm or more	100 mm or more	50 mm or more	100 mm or more
20 mm or more	20 mm or more		20 mm or more	20 mm or more

\*6 Even if in the absence of radiated-noise or heat-generating equipment nearby, keep the ambient temperature of the GOT to 55°C or lower.

The required lead-in allowance for cables may be larger than the size of A above depending on the unit or cable used. For the lead-in allowance for cables at the bottom of the GOT, refer to GT15 User's Manual.

HARDAWARE

3

1

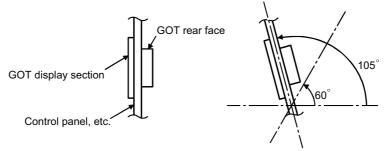
REPLACEMENT MODEL SUMMARY

2

8

## 2.3.2 Control panel temperature and mounting angle

When mounting the main unit to a control panel or similar fixture, set the GOT display section as shown below. When the temperature inside the control panel is 40 to 55°C, the mounting angle should be in the range of 60 to 105 degrees.



 The GOT will have a longer lifetime if used within the mounting angles shown above. Ideally, the temperature inside the control panel should be in the range of 0 to 40°C.

## 2.4 Cable

## 2.4.1 Cable compatibility

Confirm the compatibility of the GOT-F900 Series and A950 Handy Series with GOT1000 Series cables and the recommended cables for replacement in the following table.

	Cable for GOT-F900 Series and A950 Handy Ser	ies	Recommended cable for replacement for GOT1000 Series	Compa tibility	Remarks		
		FX-40DU-CAB	GT01-C30R4-25P	0			
		FX-40DU-CAB-10M	GT01-C100R4-25P	0	The achie is competible		
		FX-40DU-CAB-20M	GT01-C200R4-25P	0	The cable is compatible. The cables for GOT-F900		
GOT to PLC		FX-40DU-CAB-30M	GT01-C300R4-25P	0	Series and A950 Handy		
connection cable		FX-50DU-CAB0	GT01-C30R4-8P	0	Series can be used with the GOT1000 Series.		
(connector conversion box-to-	GOT-F900(RS-422) to PLC	FX-50DU-CAB0-1M	GT01-C10R4-8P	0	However, purchase the cable for the GOT1000		
PLC connection when Handy is		FX-50DU-CAB0-10M	GT01-C100R4-8P	0	Series from the next		
used)		FX-50DU-CAB0-20M	GT01-C200R4-8P	0	purchase.		
		FX-50DU-CAB0-30M	GT01-C300R4-8P	0			
		FX-50DU-CAB0L	-	-	No recommended cable		
		FX-50DU-CABL	-	-	for replacement is available.		
	Handy GOT to PLC connection relay	F9GT-HCAB-3M	GT11H-C30-37P	×			
	cable	F9GT-HCAB-10M	GT11H-C100-37P	×			
	Handy GOT to PLC, power supply,	F9GT-HCAB1-3M	GT11H-C30	×			
External cable	operation switch	F9GT-HCAB1-10M	GT11H-C100	×			
(Dedicated for		F9GT-RHCAB-3M	GT11H-C30-37P	×			
Handy)		F9GT-RHCAB-6M	GT11H-C60-37P	×			
	Handy GOT (RH type) to PLC connection relay cable	F9GT-RHCAB-10M	GT11H-C100-37P	×			
		F9GT-RHCAB1-3M	GT11H-C30	×			
		F9GT-RHCAB1-10M	GT11H-C100	×			
External cable for		F9GT-HCAB4-3M	GT11H-C30-32P	×			
CC-Link	Handy GOT (Dedicated for RS-422) to F9GT-CCL	F9GT-HCAB4-5M	GT11H-C50-32P	×	Use the recommended		
(Handy only)		F9GT-HCAB4-8M	GT11H-C80-32P	×	cable for replacement.		
		F9GT-HCAB2-150	GT11H-C15R4-8P	×			
	External cable (F9GT-HCAB-□□M) to PLC, power supply, operation switch	F9GT-HCAB3-150	GT11H-C15R4-25P	×			
PLC to PLC		F9GT-HCAB5-150	GT11H-C15R2-6P	×			
connection relay cable (Handy only)		F9GT-RHCAB2-150	GT11H-C15R4-8P	×			
, , , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	External cable (F9GT-RHCAB-	F9GT-RHCAB3-150	GT11H-C15R4-25P	×	1		
	- 20, power suppry, operation switch	F9GT-RHCAB5-150	GT11H-C15R2-6P	×	1		
Connector conversion box (Handy only)	External cable (F9GT-HCAB-□□M) to PLC connection cable or power supply, operation switch	F9GT-HCNB	GT11H-CNB-37S	×			
CC-Link interface unit (Handy only)	Handy GOT (RS-422 only) to CC-Link interface unit for Q series	F9GT-CCL	GT11H-CCL	×			



4

SCREEN DATA CONVERSION OPERATION

5

PROJECT DATA COMPATIBILITY TABLE

6

CONFIRMATION AND SETTINGS AFTER CONVERSION

7

3

HARDAWARE

## 2.4.2 Connection cable for GT10

## PLC connection cable (Sold separately)

	Product name	Model name	Cable length	Description		
		GT01-C10R4-8P	1 m			
		GT01-C30R4-8P	3 m	For connecting GOT to FXCPU (MINI DIN 8 pins		
		GT01-C100R4-8P	10 m	connector) For connecting GOT (For GT104□, GT105□) to FXCPU		
		GT01-C200R4-8P	20 m	expansion board (MINI DIN 8 pins connector)		
	FXCPU direct connection	GT01-C300R4-8P	30 m			
	cable, FX expansion board	GT10-C10R4-8P	1 m			
	connection cable	GT10-C30R4-8P	3 m	1		
		GT10-C100R4-8P	10 m	For connecting GOT to FXCPU (MINI DIN 8 pins connector)		
		GT10-C200R4-8P	20 m	For connecting GOT (For GT1030, GT1020) to FXCPU		
		GT10-C300R4-8P	30 m	expansion board (MINI DIN 8 pins connector)		
		GT10-C10R4-8PL*1	1 m			
RS-422 able		GT01-C30R4-25P	3 m			
Cable		GT01-C100R4-25P	10 m	For connecting GOT to QnA/A/FXCPU (D-sub 25 pins connector)		
		GT01-C200R4-25P	20 m	For connecting GOT (For GT104 , GT105 ) to serial		
	QnA/A/FXCPU direct connection cable,	GT01-C300R4-25P	30 m	communication module (AJ71QC24(N)-R4)		
	computer link connection	GT10-C30R4-25P	3 m			
	cable	GT10-C100R4-25P	10 m	For connecting GOT to QnA/A/FXCPU (D-sub 25 pins connector)		
		GT10-C200R4-25P	20 m	For connecting GOT (For GT1030, GT1020) to serial		
		GT10-C300R4-25P	30 m	communication module (AJ71QC24(N)-R4)		
		GT09-C30R4-6C	3 m			
	Computer link connection	GT09-C100R4-6C	10 m	For connecting GOT (For GT104□, GT105□) to compute		
	cable	GT09-C200R4-6C	20 m	link module/serial communication module		
		GT09-C300R4-6C	30 m	1		
	QCPU direct connection	GT01-C30R2-6P	3 m	For connecting GOT (For GT104, GT105) to QCPU (MINI DIN 6 pins)		
	cable	GT10-C30R2-6P	3 m	For connecting GOT (For GT1030, GT1020) to QCPU (MINI DIN 6 pins)		
RS-232 cable	FX expansion board connection cable, FX special adaptor connection cable	GT01-C30R2-9S	3 m	For connecting GOT (For GT104, GT105) to FXCPU expansion board (D-sub 9pins connector <sup>*2</sup> ) For connecting GOT (For GT104, GT105) to FXCPU special adaptor (D-sub 9 pins connector <sup>*2</sup> )		
	FX special adaptor connection	GT01-C30R2-25P	3 m	For connecting GOT (For GT104□, GT105□) to FXCPU special adaptor (D-sub 25 pins connector <sup>*2</sup> )		
	Computer link connection	GT09-C30R2-9P	3 m	For connecting GOT (For GT104□, GT105□) to compute		
	cable	GT09-C30R2-25P	3 m	link module/serial communication module		

\*1 GT10-C10R4-8PL cannot be used for FX0, FX0S, FX0N, FX1, FX2, FX2C, FX1NC, FX2NC, FX3UC(D/DSS), or FX3G PLCs.

\*2 Connector shape on the cable is shown in ( ).

### Connection cables for OMRON PLCs (For GT104□, GT105□) (Sold separately)

Product name	Model name	Cable length	Description
	GT09-C30R40101-9P	3 m	
	GT09-C100R40101-9P	10 m	For connecting GOT to OMRON PLC, serial communication module,
	GT09-C200R40101-9P	20 m	serial communication board
DC 400 apple	GT09-C300R40101-9P	30 m	
RS-422 cable	GT09-C30R40102-9P	3 m	
	GT09-C100R40102-9P	10 m	For connecting COT to OMPON resk time best link unit communication board
	GT09-C200R40102-9P	20 m	For connecting GOT to OMRON rack type host link unit, communication board
	GT09-C300R40102-9P	30 m	
	GT09-C30R20101-9P	3 m	For connecting GOT to OMRON PLC, serial communication module, communication board, serial communication board
RS-232 cable	GT09-C30R20102-25S	3 m	For connecting GOT to OMRON connection cable
	GT09-C30R20103-25P	3 m	For connecting GOT to OMRON rack type host link unit

## Connection cables for PANASONIC PLCs (For GT104 , GT105) (Sold separately)

Product name	Model name	Cable length	Description
	GT09-C30R20901-25P	3 m	For connecting GOT to PANASONIC RS422/232C conversion adapter
RS-232 cable	GT09-C30R20902-9P	For connecting GOT to tool port or RS232C port of PANASONIC PLC, computer communication unit	
	GT09-C30R20903-9P 3 m		For connecting GOT to RS232C port of PANASONIC PLC
	GT09-C30R20904-3C	3 m	For connecting GOT to RS232C port of PANASONIC PLC

## Connection cables for YASKAWA PLCs (For GT104 , GT105 ) (Sold separately)

Product name	Model name	Cable length	Description	
RS-422 cable GT09-C30R40202-14P GT09-C100R40202-14P GT09-C200R40202-14P GT09-C300R40202-14P	3 m		SCRE CON	
	GT09-C100R40202-14P	10 m	For connecting GOT to YASKAWA PLC	5
	GT09-C200R40202-14P	20 m		0
	GT09-C300R40202-14P	30 m		
	GT09-C30R20201-9P	3 m		
	GT09-C30R20204-14P	3 m	For connecting GOT to YASKAWA PLC	ATIB
	GT09-C30R20205-25P	3 m	For connecting GOT to YASKAWA MEMOBUS module	

### Connection cables for Allen-Bradley PLCs (For GT104□, GT105□) (Sold separately)

Product name	Model name	Cable length	Description
RS-232 cable	GT09-C30R20701-9S	3 m	For connecting GOT to ALLEN-BRADLEY PLC

### Cable for bar code connections (Sold separately)

Product name	N	lodel name	Cable length		Description	
RS-232 cable	32 cable GT09-C30R20701-9S		3 m	B m For connecting GOT to ALLEN-BRADLEY PLC		RMATION AI GS AFTER RSION
Cable for bar code connections (Sold separately)						
Product name Model name Cable length Description						CONF SETT CON
Cable for bar concerning	de	GT10-C02H-6PT9P		0.2 m	For connecting GOT to bar code reader	7

6

1

REPLACEMENT MODEL SUMMARY

2

HARDAWARE

3

SCREEN DATA CONVERSION

4

## Cable for multiple GOT connections (Sold separately)

Product name	Model name	Cable length	Description
Cable for multiple GOT connections	GT10-C30R2-6P	3 m	For connecting GOT (GT1020, GT1030) interface for connection to PC (RS-232) and GOT (GT1020, GT1030) interface for connection to PLC (RS-232)* <sup>3</sup>
	GT01-C30R2-9S	3 m	For connecting GOT (GT104□, GT105□) RS-232 interface and GOT (GT104□, GT105□) RS-232 interface

\*3 When multiple GT1020 and GT1030 units are connected, use GT1020-LBD2 or GT1030-LBD2 for the second GOT.

### Connector conversion adapter (Sold separately) (For GT104□, GT105□)

Product name	Model name	Description
Connector conversion adapter	GT10-9PT5S	For GOT multi-drop connection

#### 2.4.3 Connection cable for GT11

P	roduct name	Model name	Cable length	Description
		FX-50DU-CAB0 <sup>*1</sup>	3 m	
		FX-50DU-CAB0-1M <sup>*1</sup>	1 m	
		FX-50DU-CAB0-10M <sup>*1</sup>	10 m	
	FXCPU direct	FX-50DU-CAB0-20M <sup>*1</sup>	20 m	For connecting GOT to FXCPU (MINI DIN 8 pins
connection cable, FX expansion board connection cable	FX-50DU-CAB0-30M <sup>*1</sup>	30 m	connector)	
	GT01-C10R4-8P	1 m	For connecting GOT to FXCPU expansion board (MINI	
	GT01-C30R4-8P	3 m	DIN 8 pins connector)	
	GT01-C100R4-8P	10 m		
	GT01-C200R4-8P	20 m		
	GT01-C300R4-8P	30 m		
S-422	FX-40DU-CAB*2	3 m		
able		FX-40DU-CAB-10M <sup>*2</sup>	10 m	For connecting GOT to QnA/ACPU/Motion controller
	QnA/A/FXCPU	FX-40DU-CAB-20M*2	20 m	
computer link	FX-40DU-CAB-30M*2	30 m	CPU (A series) FXCPU (D-sub 25 pins) For connecting GOT to FA-CNV□CBL	
	GT01-C30R4-25P	3 m	For connecting GOT to serial communication module	
	GT01-C100R4-25P	10 m	(AJ71QC24(N)-R4)	
		GT01-C200R4-25P	20 m	
		GT01-C300R4-25P	30 m	
		GT09-C30R4-6C	3 m	
	Computer link	GT09-C100R4-6C	10 m	For connecting GOT to computer link module/serial
	connection cable	GT09-C200R4-6C	20 m	communication module
		GT09-C300R4-6C	30 m	
	QCPU direct connection cable	GT01-C30R2-6P	3 m	For connecting GOT to QCPU
RS-232 able	FX expansion board connection cable, FX special adaptor connection cable	GT01-C30R2-9S	3 m	For connecting GOT to FXCPU expansion board (D-sub 9 pins connector*3) For connecting GOT to FXCPU special adaptor (D-sub 9 pins connector*1)
	FX special adaptor connection	GT01-C30R2-25P	3 m	For connecting GOT to FXCPU special adaptor (D-sub 25 pins connector*3)
	Computer link	GT09-C30R2-9P	3 m	For connecting GOT to computer link module/serial
	connection cable	GT09-C30R2-25P	3 m	communication module

## GT11 PLC connection cable (Sold separately)

\*1 Replace with GT01-C R4-8P from the next purchase.

\*2 Replace with GT01-C R4-25P from the next purchase.

\*3 Connector shape on the cable is shown in ( ). 1

REPLACEMENT MODEL SUMMARY

**B** COMPATIBILITY OF SYSTEM SCREENS

WRITING PROJECT DATA AND OS TO THE GOT

## Connection cables for OMRON PLCs (Sold separately)

Product name	Model name	Cable length	Description
	GT09-C30R40101-9P	3 m	
	GT09-C100R40101-9P	10 m	For connecting GOT to OMRON PLC, serial communication
	GT09-C200R40101-9P	20 m	module, serial communication board
	GT09-C300R40101-9P	30 m	
	GT09-C30R40102-9P	3 m	
RS-422	GT09-C100R40102-9P	10 m	For connecting GOT to OMRON rack type host link unit,
cable	GT09-C200R40102-9P	20 m	communication board
	GT09-C300R40102-9P	30 m	
	GT09-C30R40103-5T	3 m	
	GT09-C100R40103-5T	10 m	For connecting GOT to serial communication board
	GT09-C200R40103-5T	20 m	
	GT09-C300R40103-5T	30 m	
RS-232	GT09-C30R20101-9P	3 m	For connecting GOT to OMRON PLC, serial communication module, communication board, serial communication board
cable	GT09-C30R20102-25S	3 m	For connecting GOT to OMRON connection cable
	GT09-C30R20103-25P	3 m	For connecting GOT to OMRON rack type host link unit

## Connection cables for PANASONIC PLCs (Sold separately)

Product name	Model name	Cable length	Description
	GT09-C30R20901-25P	3 m	For connecting GOT to PANASONIC RS422/232C conversion adapter
RS-232 cable	GT09-C30R20902-9P	3 m	For connecting GOT to tool port or RS232C port of PANASONIC PLC, computer communication unit
	GT09-C30R20903-9P	3 m	For connecting GOT to RS232C port of PANASONIC PLC
	GT09-C30R20904-3C	3 m	For connecting GOT to RS232C port of PANASONIC PLC

## Connection cables for YASKAWA PLCs (Sold separately)

Product name	Model name	Cable length	Description	REPLACEMENT MODEL SUMMARY
	GT09-C30R40201-9P	3 m		CEMI
	GT09-C100R40201-9P	10 m		EPLA
	GT09-C200R40201-9P	20 m	For connecting GOT to YASKAWA MEMOBUS module	
RS-422	GT09-C300R40201-9P	30 m		2
cable	GT09-C30R40202-14P	3 m		
	GT09-C100R40202-14P	10 m		
	GT09-C200R40202-14P	20 m	For connecting GOT to YASKAWA PLC	AWA
	GT09-C300R40202-14P	30 m		HARDAWARE
	GT09-C30R20201-9P	3 m		3
	GT09-C30R20202-15P	3 m		U
RS-232 cable	GT09-C30R20203-9P	3 m	For connecting GOT to YASKAWA PLC	
Capie	GT09-C30R20204-14P	3 m		DAT
	GT09-C30R20205-25P	3 m	For connecting GOT to YASKAWA MEMOBUS module	EEN
Connection	cables for ALLEN-BRADLEY	PI Cs (Sold separate	· >/v)	SCREEN DATA CONVERSION

Product name	Model name	Cable length	Description
RS-232	GT09-C30R20701-9S	3 m	For connecting GOT to ALLEN-BRADLEY PLC
cable	GT09-C30R20702-25P	3 m	For connecting GOT to ALLEN-BRADLEY Adapter

Connection cables for SIEMENS PLCs (Sold separately)

Product name	Model name	Cable length	Description
RS-232 cable	GT09-C30R20801-9S	3 m	For connecting GOT to SIEMENS HMI Adapter



1

4

WRITING PROJECT DATA AND OS TO THE GOT

## 2.4.4 Connection cable for Handy GOT

#### Product name Model name Description GT11H-C30-37P Relay cable connection side D-Sub 37 pins, 3 m GT11H-C60-37P Relay cable connection side D-Sub 37 pins, 6 m GT11H-C100-37P Relay cable connection side D-Sub 37 pins, 10 m External cable (for connecting GOT to relay cable) GT11H-C30 Relay cable connection side untied wire, 3 m GT11H-C60 Relay cable connection side untied wire, 6 m GT11H-C100 Relay cable connection side untied wire, 10 m GT11H-C30-32P CC-Link interface unit connection side round 32 pins, 3 m External cable (for connecting GT11H-C50-32P CC-Link interface unit connection side round 32 pins, 5 m GOT to CC-Link interface GT11H-C80-32P CC-Link interface unit connection side round 32 pins, 8 m unit) GT11H-C130-32P CC-Link interface unit connection side round 32 pins, 13 m

#### External cable (Sold separately)

### Relay cable (Sold separately)

Product name	Model name	Description
Relay cable	GT11H-C15R4-8P	RS-422 cable for FX CPU (MINI DIN 8 pins) direct connection, 1.5m
(for connecting PLC to	GT11H-C15R4-25P	RS-422 cable for A/QnA CPU (D-Sub 25-pin) direct connection, 1.5m
external cable)	GT11H-C15R2-6P	RS-232 cable for Q CPU (MINI DIN 6 pins) direct connection, 1.5m

#### Connector conversion box (Sold separately)

Product name	Model name	Description
Connector conversion box	GT11H-CNB-37S	The D-Sub 37 pins connector of an external cable is converted into terminal blocks and a connector for PLC (D-Sub 9 pins type).

2 - 17

## Connection cables for MITSUBISHI PLCs (Sold separately)

Р	roduct name	Model name	Cable length	Description
	FXCPU direct	GT01-C10R4-8P	1 m	For connecting connector conversion box to FXCPU (MINI
	connection cable,	GT01-C30R4-8P	3 m	DIN 8 pins connector)
	FX expansion board connection cable	GT01-C100R4-8P	10 m	For connecting connector conversion box to FXCPU expansion board (MINI DIN 8 pins connector)
		GT01-C30R4-25P	3 m	For connecting connector conversion box to QnA/ACPU/
RS-422 QnA/A/FXCPU direct connection cable, computer link connection cable Computer link	GT01-C100R4-25P	10 m	Motion controller CPU (A series) FXCPU (D-sub 25 pins) For connecting connector conversion box to FXCPU (D- sub 25pins connector) For connecting connector conversion box to FA-CNV□CBL For connecting connecting connector conversion box to serial communication module (AJ71QC24(N)-R4)	
	GT09-C30R4-6C	3 m	For connecting connector conversion box to computer link	
	connection cable	GT09-C100R4-6C	10 m	module/serial communication module
	QCPU direct connection cable	GT11H-C30R2-6P	3 m	For connecting to connector conversion box to QCPU
RS-232 cable	FX expansion board connection cable, FX special adaptor connection cable	GT01-C30R2-9S	3 m	For connecting connector conversion box to FXCPU expansion board (D-sub 9 pins connector) For connecting connector conversion box to FXCPU special adaptor (D-sub 9 pins connector)
FX special adaptor connection	GT01-C30R2-25P	3 m	For connecting connector conversion box to FXCPU special adaptor (D-sub 25 pins connector)	
	Computer link	GT09-C30R2-9P	3 m	For connecting connector conversion box to computer link
	connection cable	GT09-C30R2-25P	3 m	module/serial communication module

## Connection cables for OMRON PLCs (Sold separately)

Product name	Model name	Cable length	Description
	GT09-C30R40101-9P	3 m	For connecting connector conversion box to OMRON PLC, serial
	GT09-C100R40101-9P	10 m	communication module, serial communication board
RS-422	GT09-C30R40103-5T	3 m	For connecting to connector conversion box to serial communication
	GT09-C100R40103-5T	10 m	board
	GT09-C30R40102-9P	3 m	For connecting connector conversion box to OMRON rack type host
	GT09-C100R40102-9P	10 m	link unit, communication board
RS-232 cable	GT09-C30R20101-9P	3 m	For connecting connector conversion box to OMRON PLC, serial communication module, serial communication board
	GT09-C30R20102-25S	3 m	For connecting connector conversion box to OMRON connection cable
	GT09-C30R20103-25P	3 m	For connecting connector conversion box to OMRON rack type host link unit

CONFIRMATION AND PROJECT DATA SETTINGS AFTER OD COMPATIBILITY CONVERSION TABLE

7

**B** COMPATIBILITY OF SYSTEM SCREENS

1

REPLACEMENT MODEL SUMMARY

2

HARDAWARE

3

SCREEN DATA CONVERSION

4

C CONVERSION OPERATION

## Connection cables for PANASONIC PLCs (Sold separately)

Product name	Model name	Cable length	Description
	GT09-C30R20901-25P	3 m	For connecting connector conversion box to PANASONIC RS422/ 232C conversion adapter
RS-232	GT09-C30R20902-9P	3 m	For connecting connector conversion box to tool port or RS232C port of PANASONIC PLC, computer communication unit
cable	GT09-C30R20903-9P	3 m	For connecting connector conversion box to RS232C port of PANASONIC PLC
	GT09-C30R20904-3C	3 m	For connecting connector conversion box to RS232C port of PANASONIC PLC

### Connection cables for YASKAWA PLCs (Sold separately)

Product name	Model name	Cable length	Description
	GT09-C30R40201-9P	3 m	For connecting connector conversion box to YASKAWA MEMOBUS
RS-422	GT09-C100R40201-9P	10 m	module
cable	0100-000100202-141 0 0 111		
	GT09-C100R40202-14P	10 m	For connecting to connector conversion box to YASKAWA PLC
	GT09-C30R20201-9P	3 m	
	GT09-C30R20202-15P	3 m	For connecting to connector conversion boy to VASIZAWA DLC
RS-232	GT09-C30R20203-9P	3 m	For connecting to connector conversion box to YASKAWA PLC
cable	GT09-C30R20204-14P	3 m	
	GT09-C30R20205-25P	3 m	For connecting connector conversion box to YASKAWA MEMOBUS module

## Connection cables for ALLEN-BRADLEY PLCs (Sold separately)

Product name	Model name	Cable length	Description
RS-232	GT09-C30R20701-9S		For connecting connector conversion box to ALLEN-BRADLEY PLC
cable	GT09-C30R20702-25P	3 m	For connecting connector conversion box to ALLEN-BRADLEY Adapter

## Connection cables for SIEMENS PLCs (Sold separately)

Product name	Model name	Cable length	Description
RS-232 cable	GT09-C30R20801-9S	3 m	For connecting connector conversion box to SIEMENS HMI Adapter

### Cable for PC connections (Sold separately)

Product name	Model name	Cable length	Description	
Project data transfer cable	GT01-C30R2-6P	- 3 m	GOT(RS-232) to PC (D-Sub 9-pin female) <sup>*1</sup>	
	GT11H-C30R2-6P		GOT(RS-232) to PC (D-Sub 9-pin ternale)	ACEN EL SL
	GT09-C20USB-5P	2 m	GOT (USB mini) to PC (USB)	REPLACEMENT MODEL SUMMAF
	GT09-C30USB-5P	3 m		2

\*1 Connector shape on the cable is shown in ( ).

CC-Link interface unit (Sold separately)

Product name	Model name	Description	
CC-Link interface unit	GT11HS-CCL	Unit for connecting Handy GOT to CC-Link system	
	GT11H-CCL		



1

## 2.4.5 Communication unit and connection cable for GT155[]

Product name	Model name	Description
	GT15-RS2	For RS-232 interface connection, connector type
	GT15-RS4	For RS-422 interface connection, connector type
	GT15-RS4-TE	For RS-422 interface connection, terminal block type

## Communication unit (Sold separately)

## Connection cables for MITSUBISHI PLCs (Sold separately)

Pro	duct name	Model name	Cable length	Description
	QCPU direct connection cable	GT01-C30R2-6P	3 m	For connecting GOT to QCPU
RS-232 cable	FX expansion board connection cable, FX special adaptor connection cable, data transfer cable	GT01-C30R2-9S	3 m	For connecting GOT to FXCPU expansion board (D-sub 9 pins connector), FXCPU special adaptor (D-sub 9 pins connector) For connecting GOT (D-sub 9-pin: female) to PC (Drawing software) (D-sub 9-pin: female)
	FX special adaptor connection cable	GT01-C30R2-25P	3 m	For connecting GOT to FXCPU special adaptor (D-sub 25 pins connector)
	Computer link connection cable	GT09-C30R2-9P	3 m	For connecting GOT to computer link module/serial
		GT09-C30R2-25P	3 m	communication module
	FXCPU direct	GT01-C10R4-8P	1 m	
	connection cable	GT01-C30R4-8P	3 m	For connecting GOT to FXCPU (MINI DIN 8 pins
	FX expansion	GT01-C100R4-8P	10 m	connector) For connecting GOT to FXCPU expansion
	board	GT01-C200R4-8P	20 m	board (MINI DIN 8 pins connector)
	connection cable	GT01-C300R4-8P	30 m	
	QnA/A/FXCPU	GT01-C30R4-25P	3 m	
RS-422	direct connection	GT01-C100R4-25P	10 m	For connecting GOT to QnA/ACPU/Motion controller CPU (A series)/FXCPU (D-sub 25 pins connector)
cable	cable	GT01-C200R4-25P	20 m	For connecting GOT to FA-CNV□CBL
	computer link connection cable	GT01-C300R4-25P	30 m	For connecting GOT to computer link module/serial communication module
		GT09-C30R4-6C	3 m	
	Computer link connection	GT09-C100R4-6C	10 m	For connecting GOT to computer link module/serial
	cable	GT09-C200R4-6C	20 m	communication module
		GT09-C300R4-6C	30 m	

## Connection cables for OMRON PLCs (Sold separately)

Product name	Model name	Cable length	Description
	GT09-C30R20101-9P	3 m	For connecting GOT to OMRON PLC, serial communication module, communication board, serial communication board
RS-232 cable	GT09-C30R20102-25S	3 m	For connecting GOT to OMRON connection cable
	GT09-C30R20103-25P	3 m	For connecting GOT to OMRON rack type host link unit
	GT09-C30R40101-9P	3 m	
	GT09-C100R40101-9P	10 m	For connecting GOT to OMRON PLC, serial communication
	GT09-C200R40101-9P	20 m	module, serial communication board
	GT09-C300R40101-9P	30 m	
	GT09-C30R40102-9P	3 m	
RS-422 cable	GT09-C100R40102-9P	10 m	For connecting GOT to OMRON rack type host link unit,
RS-422 Cable	GT09-C200R40102-9P	20 m	communication board
	GT09-C300R40102-9P	30 m	
	GT09-C30R40103-5T	3 m	
	GT09-C100R40103-5T	10 m	For connecting GOT to OMRON communication board
	GT09-C200R40103-5T	20 m	(CP1WCIF11)
	GT09-C300R40103-5T	30 m	

## Connection cables for PANASONIC PLCs (Sold separately)

Product name	Model name	Cable length	Description	
RS-232 cable	GT09-C30R20901-25P	3 m	For connecting GOT to PANASONIC RS422/232C conversion adapter	
	GT09-C30R20902-9P	3 m	For connecting GOT to tool port or RS232C port of PANASONIC PLC, computer communication unit	
	GT09-C30R20903-9P	3 m	For connecting GOT to RS232C port of PANASONIC PLC	
	GT09-C30R20904-3C	3 m	For connecting GOT to RS232C port of PANASONIC PLC	

2 HARDAWARE

1

REPLACEMENT MODEL SUMMARY

3

PROJECT DATA COMPATIBILITY TABLE

6

**B** COMPATIBILITY OF SYSTEM SCREENS WRITING PROJECT DATA AND OS TO THE GOT

## Connection cables for YASKAWA PLCs (Sold separately)

Product name	Model name	Cable length	Description	
RS-232 cable	GT09-C30R20201-9P	3 m		
	GT09-C30R20202-15P	3 m	For connecting COT to VASKAWA PLC	
	GT09-C30R20203-9P	3 m	For connecting GOT to YASKAWA PLC	
	GT09-C30R20204-14P	3 m		
	GT09-C30R20205-25P	3 m	For connecting GOT to YASKAWA MEMOBUS module	
RS-422 cable	GT09-C30R40201-9P	3 m		
	GT09-C100R40201-9P	10 m	For connecting GOT to YASKAWA MEMOBUS module	
	GT09-C200R40201-9P	20 m		
	GT09-C300R40201-9P	30 m		
	GT09-C30R40202-14P	3 m		
	GT09-C100R40202-14P	10 m	For connecting GOT to YASKAWA PLC	
	GT09-C200R40202-14P	20 m		
	GT09-C300R40202-14P	30 m		

## Connection cables for ALLEN-BRADLEY PLCs (Sold separately)

Product name	Model name	Cable length	Description
RS-232 cable	GT09-C30R20701-9S	3 m	For connecting GOT to ALLEN-BRADLEY PLC

## Connection cables for SIEMENS PLCs (Sold separately)

Product name	Model name	Cable length	Description
RS-232 cable	GT09-C30R20801-9S	3 m	For connecting GOT to SIEMENS HMI Adapter

## RS-422 conversion unit (Sold separately)

Product name	Model name	Description		
RS-422 conversion unit	GT15-RS2T4-9P	RS-232 $\rightarrow$ RS 422 conversion unit	RS-422 side connector 9 pins	
	GT15-RS2T4-25P		RS-422 side connector 25 pins	

# SCREEN DATA CONVERSION

To convert the screen data of GOT-F900 Series and A950 Handy Series to GOT1000 Series, convert the screen data to GOT1000 Series with GT Designer3 Version1 after converting the screen data to GT Designer2 format data with GT Designer2 Classic.

However, some screen data cannot be converted depending on which software was used to create the data. Since some functions cannot be converted due to the difference in functions between GOTs, make sure to check the converted data before transferring the data to the GOT.

Once converted, screen data cannot be restored to the previous status. Therefore, backup data before conversion.

#### 3.1 Target Screen Data

This document was written for screen data created with the following software.

(Target Software)

- FX-PCS-DU/WIN(\*.DUP)
- GT Designer(A9GOTP.GOT)
- GT Designer2 Version1(\*.GTD)
- GT Designer2 Version2(\*.GTD)
- Data Transfer(\*.F1)

FX-PCS-DU/WIN file type

The following shows FX-PCS-DU/WIN file types.

Save files other than FX DUWIN Binary(\*.DUP) in the FX DUWIN Binary(\*.DUP) format again before conversion.

- FX DUWIN Binary(\*.dup)
- FX DUWIN Text(\*.dua)
- Intel Hex(\*.ith)
- FXDU(DOS)Binary(\*.gdt)

#### Screen Data Conversion Pattern 3.2

This document only refers to the following conversion patterns.

Conversion details	Conversion source	Conversion destination	Reference
Convert to the GT Designer2 format	GT Designer format*1(A9GOTP.GOT) DU/WIN format*2(*.DUP,*.GTD) (GOT-F900 Series)	GT Designer2 format(*.GTD) (GOT-F900 Series)	Section 4.4
Convert from GOT-F900 or A950 Handy Series to GOT1000 Series	GOT-F900 Series, A950 Handy Series (GT Designer2 format*3)	GOT1000 Series (GT Designer3 Version1 format)	Section 4.5

\*1 Screen data created with GT Designer \*2

Screen data created with FX-PCS-DU/WIN.

If \*.DUP is opened and saved with GT Designer2, it is saved in DU/WIN format as \*.GTD.

If screen data created with FX-PCS-DU/WIN is stored in a GOT, the data is saved in DU/WIN format as \*.F1 when saving after uploading with Data Transfer.

For details on confirmation methods of screen data, refer to Section 4.3.

\*3 Screen data created with GT Designer2 1

REPLACEMENT MODEL SUMMARY

2

HARDAWARE

3

SCREEN DATA CONVERSION

4

SCREEN DATA CONVERSION OPERATION

5

PROJECT DATA COMPATIBILITY TABLE

6

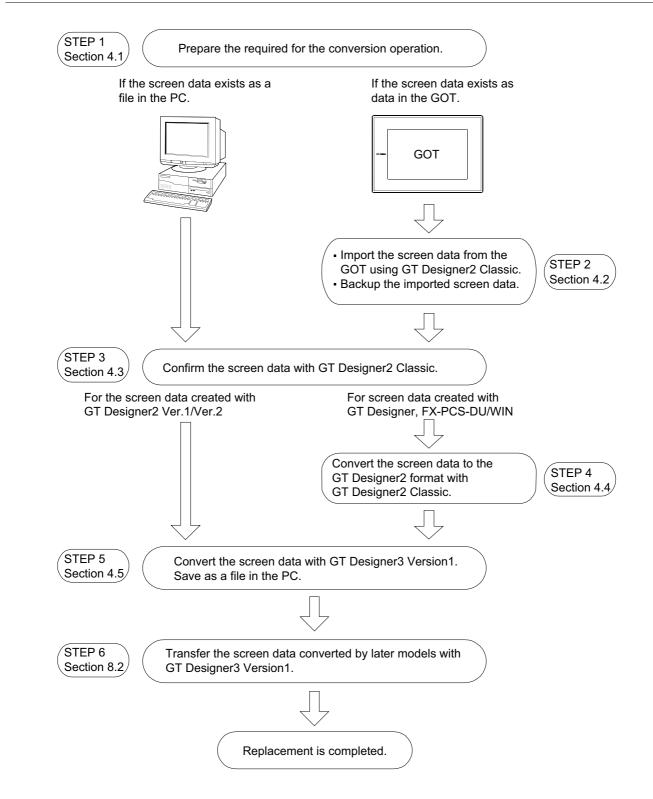
CONFIRMATION AND SETTINGS AFTER CONVERSION

7

## 3.3 General Procedure for Replacing with Later Models

Replacement is performed according to the following steps.

## 3.3.1 General procedure for replacing by later models



# 4. SCREEN DATA CONVERSION OPERATION

# 4.1 [STEP1] Requirements for Conversion Operation

The software and cables shown below are required for screen data conversion.

Applicable software

Model name	Manufacturer
GT Designer2 Classic	Mitsubishi Electric Corporation
GT Designer3 Version1	

### ■ Applicable cables for connecting PC to A900 Series

Model name	Manufacturer	
AC30R2-9SS (9 pins - 9 pins), FX-232CAB-1 (9 pins - 9 pins)	Mitsubishi Electric Corporation	
AC30R2-9P (9 pins - 25 pins), F2-232CAB-1 (9 pins - 25 pins)		

Applicable cables for connecting PC to F900 Series

Model name	Manufacturer	
FX-232CAB-1 (9 pins - 9 pins)	Mitsubishi Electric Corporation	
F2-232CAB-1 (9 pins - 25 pins)		

- Applicable cables for connecting PC to GOT1000 Series
  - (1) RS-232 cables

GOT1000 Series	Model name	Manufacturer
GT15, GT11, GT105_, GT104 GT01-C30R2-9S (9-pin female - 9-pin female)		Mitsubishi Electric Corporation
GT11□□HS-Q, GT1020, GT1030	GT01-C30R2-6P (9-pin female - 6-pin male)	Mitsubishi Electric Corporation

(2) USB cables

GOT1000 Series	Model name	Manufacturer	
GT15, GT11,	GT09-C20USB-5P (A ↔ mini B type)	<ul> <li>Mitsubishi Electric System Service</li> </ul>	
GT105□, GT104□	GT09-C30USB-5P (A ↔ mini B type)		
GT1020, GT1030	GT09-C30USB-5P (A↔mini B type) <sup>*1</sup>	Mitsubishi Electric System Service	

\*1 Use a GT09-C30USB-5P and RS232/USB conversion adapter together.

(3) RS232/USB conversion adapter

GOT1000 Series	Model name	Manufacturer
GT1020, GT1030	GT10-RS2TUSB-5S	Mitsubishi Electric Corporation

#### [STEP2] Importing Screen Data 4.2

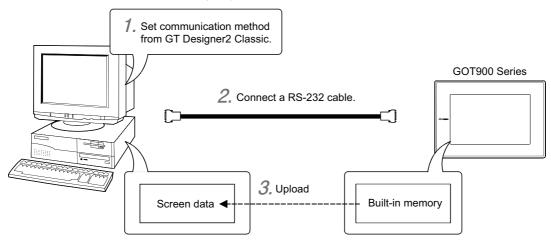
If screen data exists as data in the GOT, import the screen data from the GOT with GT Designer2 Classic. Backup the imported screen data before conversion.

#### 4.2.1 Uploading data

This section describes the method for uploading the data with a RS-232 cable. As the upload operation is conducted by GT Designer2 Classic, operation on the GOT side is not required.

### General procedure

The data is transferred in the following way.



- 1. Set communication method from GT Designer2 Classic. 🖅 4.2.3 Setting communication
- 2.
- 3. Upload ......

### Precautions

- (1) RS-232 cable Confirm that the RS-232 cable connector is securely connected to the GOT and the PC.
- (2) Precaution for uploading When the "upload destination" is specified as a project file (.GTD) of GT Designer2, all data in the specified project file is deleted. (Even for a partial upload (comment data, etc.), all data in the file is also deleted.)
- (3) Data transfer timing When the message "Communicating with CPU" is displayed on the GOT when the GOT power is turned ON, communication from the PC is not accepted. Transfer the data after the message has disappeared.
- (4) Power saving function of the PC When data is transferred with the GOT connected, turn OFF the power saving function of the PC and Windows<sup>®</sup>.

(5) When a communication error occurs

A communication error, such as a timeout error, may occur due to the communication port settings on the PC. Confirm and change the settings in the following way. The following items may not be present depending on the PC used.

(Method 1)

The following screens and operations apply to Windows<sup>®</sup> XP.

1. Select [Start]  $\rightarrow$  [Control Panel].

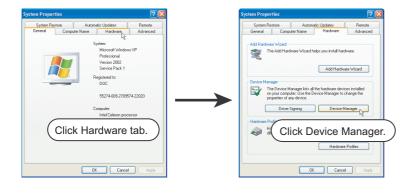
(For Windows<sup>®</sup> 2000, select [Start]  $\rightarrow$  [Settings]  $\rightarrow$  [Control Panel].)



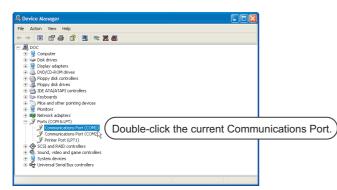
 Select [Performance and Maintenance] and click the [System] icon. The System Properties dialog box appears. (For Windows<sup>®</sup> 2000, double-click [System].)

🖻 Control Panel		Performance and Maintenance	
File Edit View Pavorites Tools Help	N	File Edit View Pavorites Tools Help	
🔇 Back - 🕤 - 🎓 🔎 Search 🍋 Folders 🔲	11 ×	🔇 Back = 💿 - 🏂 🔎 Search 🍋 Folders 💷 +	
iddress 🔂 Control Panel	💌 🔁 Go	Address 🔂 Performance and Maintenance	💌 🔁 👳
See Also  Windows Lipdze Help and Sapport	and Dennes     Prices and Other Handware       and Dennes     Prices and Other Handware       and Dennes     Price Accounts       ennore Programs     Price Accounts       speck, and Actoo Deven as     Price Accounts	the data     the data and data demonstrations     the data data demonstration and data demonstration     the data data data demonstration and data demonstration     the data data data data data data data dat	
	ormance and Maintenance.	Advanced rates Texture Scheduled Fails: Click System.	

**3.** Click "Device Manager" on the Hardware tab. The Device Manager window appears.



4. Select [Ports] and double-click the [Communication Port] icon. The Communication Port Properties dialog box appears. (When COM1 is selected)



5. Click the Advanced button of the Port Settings tab to display the Advanced Settings dialog box of the port.

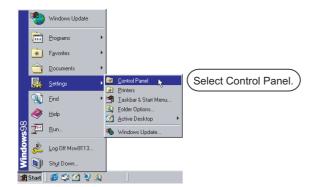
Communications Port (COW1) Properties	Communications Port (COM1) Properties	? 🛛
General Port Settings Driver Resources	General Port Settings Driver Resources	
Click Port Settings tab.	Bits per second: 9800	~
Device De	Data bits: 8	~
Manufacturer: (Standard port types) Location: Unknown	Parity: None	~
Device status	Stop bits: 1	~
This device is working properly.	Flow control: None	~
start the troubleshooter.	Advanced Rest	ore Defaults
<u>v</u>	~	
Troubleshoot	(Click Advan	ced.)
Device usage:		
Use this device (enable)		
OK Cancel	OK	Cancel

6. Uncheck the [Use FIFO buffers] checkbox.

Advanced Settings for CON	11				? 🛛
	ires 16550 compatible UART o correct connection problems for faster performance.				OK Cancel
Receive Buffer: Low (1)		— <b></b>	High (14)	(14)	Defaults
Transmit Buffer: Low (1)		— Ţ	High (16)	(16)	
COM Port Number: COM1	v				

(Method 2) The following screens and operations apply to Windows<sup>®</sup> 98.

1. Select [Start]  $\rightarrow$  [Settings]  $\rightarrow$  [Control Panel].

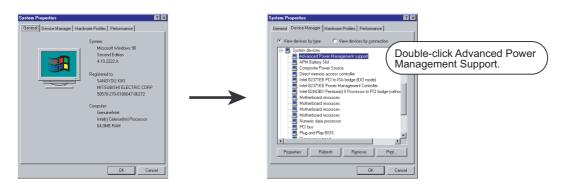


2. Double-click the [System] icon. The System Properties dialog box appears.

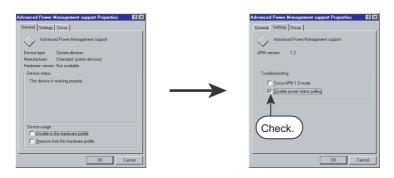


**3**. Click the Device Manager tab (when displayed by type), select [System devices], and double-click the [Advanced Power Management support] icon.

The Advanced Power Management support Properties dialog box appears.



4. Check the [Disable power status polling] checkbox on the Setting tab.



4 - 5

1

REPLACEMENT MODEL SUMMARY

2

HARDAWARE

3

SCREEN DATA CONVERSION

4

SCREEN DATA CONVERSION OPERATION

5

PROJECT DATA COMPATIBILITY TABLE

6

CONFIRMATION AND SETTINGS AFTER CONVERSION

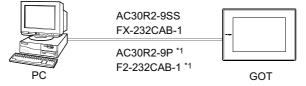
### 4.2.2 RS-232 cable to be used

The cable type for connection between the PC and the GOT and the connection diagram are shown below.

#### Using GOT-A900 Series

The cable shown below or in the connection diagram is required.

(1) System configuration



\*1 9-25 pin converter (Diatrend Corp. D232J31) is required.

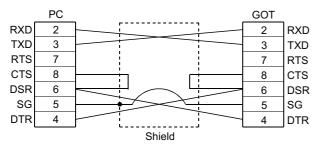
(2) Applicable cable

Model name	Manufacturer	
AC30R2-9SS (9 pins - 9 pins), FX-232CAB-1 (9 pins - 9 pins)	Mitsubishi Electric Corporation	
AC30R2-9P (9 pins - 25 pins), F2-232CAB-1 (9 pins - 25 pins)		

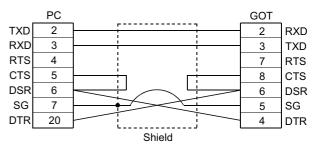
#### (3) Connection diagram

Use a screw-in type (inch screw) connector for the GOT side.

 (a) Connection diagram for cables equivalent to AC30R2-9SS and FX-232CAB-1



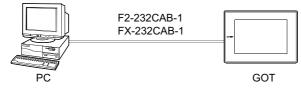
(b) Connection diagram for cables equivalent to AC30R2-9P and F2-232CAB-1



### ■ Using GOT-F900 Series

The cable shown below or in the connection diagram is required.

(1) System configuration



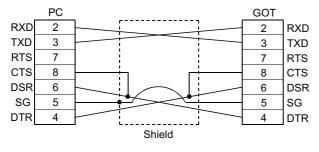
(2) Applicable cable

Model name	Manufacturer	
FX-232CAB-1 (9 pins - 9 pins)	Mitsubishi Electric Corporation	
F2-232CAB-1 (9 pins - 25 pins)		

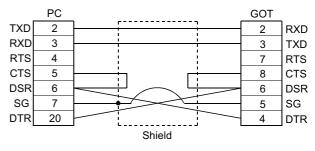
### (3) Connection diagram

Use the screw-in type (inch screw) connector for the GOT side.

(a) Connection diagram for cables equivalent to FX-232CAB-1



(b) Connection diagram for cables equivalent to F2-232CAB-1

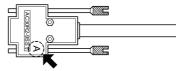


# POINT ...

Cable to be used

When using the RS-232 cable (AC30R2-9SS or AC30R2-9P for the Version A or later) with the GOT-A900 Series, the sequence program cannot be transferred or monitored with the GOT-F900 Series built-in 2 port interface function with GX Developer.

The cable version is shown above and to the right of the model name of the connector.



1

REPLACEMENT MODEL SUMMARY

2

HARDAWARE

3

SCREEN DATA CONVERSION

4

SCREEN DATA CONVERSION OPERATION

5

PROJECT DATA COMPATIBILITY TABLE

6

CONFIRMATION AND SETTINGS AFTER CONVERSION

# 4.2.3 Setting communication

Set the communication setting of GT Designer2 Classic to upload data from the GOT.

Settings can be made in either the Communicate with GOT dialog box or the Communication Configuration dialog box. (When one dialog box is set, the other dialog box automatically has the same settings.)

- 1. Click the [Communication]  $\rightarrow$  [To/From GOT...] or [Communication Configuration...] from the menu.
- 2. The setting dialog box appears. Make settings referring to the following description.

Communicate with GOT	Communication configuration
Upload -> Computer Memory information Communication configuration	Select Communication type and set up details.
Details Port No.: COM1 Baudrate: 38400	Port No.: COM1 V Baudrate: 38400 V
Update	OK Cancel Update
Close	

Item	Description					
Port No.	Select PC port connected to the GOT.					
Baudrate	Set the transmission speed between the PC and the GOT. Set the rate suitable for the PC.					
Update	When the settings are changed, the settings are updated. Click the Update button to update the settings.					

### 4.2.4 Uploading

The following shows the uploading method.

- 1. Click [Communication]  $\rightarrow$  [To/From GOT...] from the menu.
- 2. The setting dialog box appears. Make settings referring to the following description. After setting, click the Upload button to start upload.

Communicate wi	th GOT		×
Download -> GOT	Upload -> Computer	Memory informal	tion Communication
			[
<			
Password:			
Upload path:	GT Designer2		- 🔁
Select all	Deselect	Upload	Memory Information
	Descieur		Memory miomation
			Close

Item	Description							
Project configuration tree	Configuration of the obtained monitor data is displayed in a tree. Right-click the mouse to [Select all] or [Deselect].							
Password <sup>*1</sup>	When a password for upload is set, input the password. Each input is displayed as "*".							
Upload path	Set storage location of the uploaded monitor data. (Up to 5 locations specified in the past are retained.) When data is uploaded in default (GT Designer2), the uploaded data is read into the currently open GT Designer2 Classic program.							
Upload	Uploads items checked in the project configuration tree. When the project configuration tree is not displayed, all monitor data of the GOT built-in memory is uploaded. If the space of the upload destination is not sufficient, uploading is interrupted.							
Memory Information	Obtains built-in memory information of the GOT.							

\*1 For the setting method of a password for upload, refer to the following manual.

GT Designer2 Version2 Reference Manual

1

**C** REPLACEMENT MODEL SUMMARY

HARDAWARE

3

SCREEN DATA CONVERSION

4

SCREEN DATA CONVERSION OPERATION

5

PROJECT DATA COMPATIBILITY TABLE

6

CONFIRMATION AND SETTINGS AFTER CONVERSION

7

COMPATIBILITY OF SYSTEM SCREENS

# 4.3 [STEP3] Confirming Screen Data

Data is required to be converted to the GT Designer2 format depending on the source data to be used before conversion.

Data confirmation is required in the following cases.



Screen data created with FX-PCS-DU/WIN

The base screen No. assignments of the screen data created with FX-PCS-DU/WIN differ from that of GT Designer3 Version1 after conversion.

Changing the PLC program is required depending on the control method of the screen display or sequence. For details, refer to the following.

5. PROJECT DATA COMPATIBILITY TABLE

# 4.3.1 Uploading with GT Designer2 Classic

When screen data is uploaded from the GOT, make sure to execute the following confirmation operation.

- Confirm if the uploaded screen data has the following settings. If applicable, the screen data has been created with FX-PCS-DU/WIN.
  - The base screen has a No. 0 screen.
  - [Common] → [System Environment] has Interface Device as a setting item. (System Information has no setting item.)
- 2. After the confirmation, save with GT Designer2 Classic.

For screen data created with FX-PCS-DU/WIN, the saved screen data is saved as a DU/WIN format (\*.GTD) file.

- In that case, refer to the following.
  - 4.4.2 For screen data created with FX-PCS-DU/WIN

For the screen data created with something other than FX-PCS-DU/WIN, the saved screen data is saved as a GT Designer2 format (\*.GTD) file.

- In that case, refer to the following.
  - 4.5.1 Converting to GOT1000 Series screen data

### 4.3.2 When screen data is stored in the PC as a file

Only \*.GTD and \*.F1 files are required to be confirmed. Refer to the following.

- For a \*.DUP file F 4.4.2 For screen data created with FX-PCS-DU/WIN
- For a A9GOTP.GOT file 🖅 4.4.1 For A9GOTP.GOT
- 1. Open the \*.GTD file or \*.F1 file with GT Designer2 Classic. Confirm if the screen data has the following settings. If applicable, the screen data has been created with FX-PCS-DU/WIN.
  - The base screen has a No. 0 screen.
  - [Common] → [System Environment] has Interface Device as a setting item. (System Information has no setting item.)
- After confirmation, save with GT Designer2 Classic.
   For screen data created with FX-PCS-DU/WIN, the saved screen data is saved as a DU/WIN format (\*.GTD) file.
   For the screen data created with FX-PCS-DU/WIN, refer to the following.
  - 3 4.4.2 For screen data created with FX-PCS-DU/WIN

For screen data created with something other than FX-PCS-DU/WIN, the saved screen data is saved as a GT Designer2 format (\*.GTD) file.

• For screen data created with something other than FX-PCS-DU/WIN, refer to the following.

4.5.1 Converting to GOT1000 Series screen data

1

REPLACEMENT MODEL SUMMARY

2

HARDAWARE

3

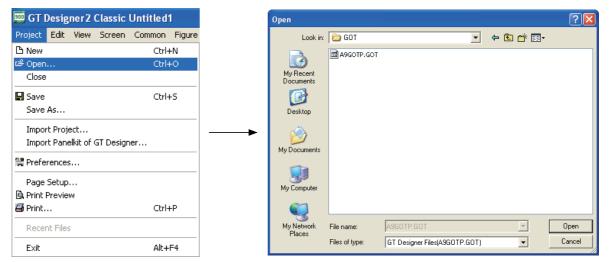
SCREEN DATA CONVERSION

# 4.4 [STEP4] Saving Data in GT Designer2 Format

Screen data always required to be converted into GT Designer2 format (\*.GTD) before conversion. The operation for converting into GT Designer2 format differs depending on the data type.

### 4.4.1 For A9GOTP.GOT

Startup GT Designer2 Classic and open the screen data from [Project] → [Open...].



Save the opened screen data from [Project] → [Save As...].
 With this operation, data is converted into GT Designer2 format (\*.GTD).

GT Desig	ner2 C	lassic	Untitled1	J
oject <mark>Edit</mark>	View	Screen	Common	Figure
New Open Close			Ctrl+ Ctrl+	
Save Save As			Ctrl+	-s
Import Proj Import Pan		iT Design	er	
Preference: Page Setup				
), Print Previe Print	W		Ctrl+	-P
Recent File:	5			
Exit			Alt+f	F4

### 4.4.2 For screen data created with FX-PCS-DU/WIN

1. Startup GT Designer2 Classic and select [Project] → [Import Project..] with the same setting for the GOT Type and Controller Type as in [New].

Selecting [Import Project...] displays the dialog box. Select a file to be imported and import the screen data after checking all item checkboxes.

G F Designer 2 Clas	ssic Untitled1	Import Project				
Project Edit View Scr	reen Common Figure	Source Project:	C:\Documents and Settings	\Administrator\Deskto	Browse	
b New ≇ Open Close	Ctrl+N Ctrl+O	⊟	w Screen on Settings	Destination data r Base: Window:	1 +	Image
Save Save As	Ctrl+S			Report: Comment:		Image
Import Project Import Panelkit of GT D	Designer	<b></b>		Parts: Sound Files:	1 ×	Image Browse
🔚 Preferences						
Page Setup 🕅 Print Preview						
🗃 Print	Ctrl+P					
Recent Files						
Exit	Alt+F4					

Save the opened screen data from [Project] → [Save As...].
 With this operation, data is converted into GT Designer2 format (\*.GTD).

🔤 GT I	Desig	ner 2	Classic	Untitled1	J
Project	Edit	View	Screen	Common	Figure
B New ⊯ Open Close				Ctrl+ Ctrl+	
Save Save				Ctrl+	-S
	rt Proje rt Pane		GT Desigr	ier	
H Prefe					
🕅 Print I				-	_
Becer	 nt Files			Ctrl+	
Exit	1011105			Alt+I	F4

4 - 13

1

REPLACEMENT MODEL SUMMARY

# 4.5 [STEP5] Converting and Saving Screen Data

Convert the screen data, which has been converted to GT Designer2 format with GT Designer2 Classic, to screen data of the GOT1000 Series with GT Designer3 Version1.



Make sure to create a backup of the original project data before conversion.

- (1) When a GOT-F900 Series is converted to GOT1000 Series, any settings, figures, and objects not available for the GOT1000 Series will be deleted.
- (2) Once the project data of the GOT-F900 Series is converted to GOT1000 Series type, the data cannot be converted back to GOT-F900 Series from GOT1000 Series data.

### 4.5.1 Converting to GOT1000 Series screen data

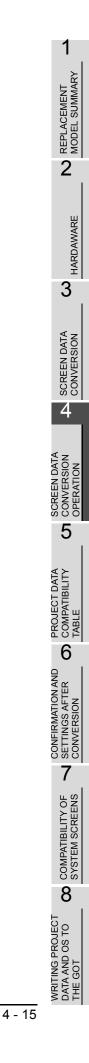
1. Startup GT Designer3 Version1 and select screen data from [Project] → [Import GT Designer2/G1 format file...].

					Open						? 🛛
					Look in:	🚞 GOT		*	G 🖻 🖻	•	
G	GT	Designer 3			Ò	project1.GTD					
÷E	roj	iect <u>T</u> ools <u>C</u> ommunication	<u>H</u> elp		My Recent Documents						
1	3	New	Ctrl+N								
	3	Open	Ctrl+0		Desktop						
*	0	<u>D</u> elete Project		>							
	_	Import GT Designer2/G1 forma	t file								
		Compressed File <u>H</u> andling	•		My Documents						
		[Recent Files]									
		E <u>x</u> it	Alt+F4		My Computer						
						File name:			~		Open
					My Network	Files of type:	GT Designer2 Files(*.GTD;*.G	TE)	~		Cancel

2. The GOT Type Setting dialog box appears. Set the GOT type and Standard Font to be converted. After setting, press the OK button.

🗗 GOT Type Setting	×
Source GOTType:	F94*GOT(320x240)
GOT Type	
GOT Type:	GT10**-Q (320x240)
Setup Direction:	Horizontal     O Vertical
Color Setting:	256
Project Folder:	Project1
Standard Font	
Font:	Japanese (supporting Europe)
16dot Standard Font:	Gothic O Mincho
TrueType Numerical For	t: O Gothic O 7-Segment
	OK Cancel

Save the opened screen data from [Project] → [Save As...].
 With this operation, data is converted into GOT1000 Series screen data in GT Designer3 format.



# 5. PROJECT DATA COMPATIBILITY TABLE

# 5.1 GT Designer2 Classic (F900) $\rightarrow$ GT Designer3

The following table shows the compatibility with GOT 1000 Series in GT Designer3 based on the functions of GOT-F900 Series in GT Designer2 Classic.

### 5.1.1 Common

	GT De	esigner2 Classic (GOT-F900)		signer3 V T1000 Se		Remarks	Reference
	Function Name	Function Description	GT10	GT11	GT15		Reference
_	System Setting	GOT Type, PLC Type, Color Setting	Δ	Δ	Δ	Resetting is required for Color Setting.	6.1.1
	Project Title	Project Title, Project ID, Detailed Explanation, Author setting	0	0	0	Reflected to [Project]-[Project information].	-
	Auxiliary Setting	Key window/Cusor display setting, Use Serial Port, Setup, Language, Menu Key, Format, Screen configuration settings	Δ	Δ	Δ	Divided (Left), Divided (Right), Divided (Both), [Screen configuration settings] of Format is not supported.	6.1.2
	System Information	Read Device, Current Recipe No, Write Device	Δ	Δ	Δ	Current Recipe No. is not supported.	6.1.3
	Screen Switching	Base Screen, Overlap Window1, Overlap Window2, Uninitialize switching screen device	Δ	Δ	Δ	Uninitialize switching screen device is not supported.	6.1.4
onment	Password	Security Level Device, Password, Display password input error, Data Transmission/ Utility	Δ	Δ	Δ	Display password input error is not supported.	6.1.5
System Environment	Key Window	Key Window Settings (Use default key window, Select key window sheet No.)	0	0	0	Reflected to [GOT Setting]-[Environment Setting]- [Key Window].	-
System	GOT Setup	Opening Screen Time, Backlight Off Time, Connection, Buzzer, When touch input detected, do not change to input	Δ	Δ	Δ	<ul> <li>Opening Screen Time is reflected in [GOT Setting]-[Environment Setting]-[GOT Setup]- [Display/Operetion].</li> <li>When touch input detected, do not change to input is not supported.</li> </ul>	6.1.6
	Language	System language, Character Set, Date Format	Δ	Δ	Δ	Character Set and Date Format is not supported.	6.1.7
	Menu Key	System Screen Overlay Touch Position Settings	0	0	0	Reflected to [GOT Setting]-[Environment Setting]- [GOT Setup]-[Utility Call Key].	-
	Handy GOT Settings	Grip Switch, ON → OFF behavior of the Momentary Switch, Grip Switch LED Settings	×	Δ	×	Grip Switch and ON $\rightarrow$ OFF behavior of the Momentary Switch is not supported.	6.1.8
	Serial Port	Speed, Handshaking, Parity, Data Bit, Stop Bit	×	×	×	Not supported. However, an alternative is available.	6.1.9
На	rd Copy	Hard Copy Function Settings	×	×	0	Not supported for the GT10 and GT11 since they have no Printer function.	-
Op	peration Panel	Operation Panel Function Settings	×	×	0	<ul> <li>Reflected in [Peripheral Unit Setting]-[Operation Panel] for the GT15.</li> <li>Not supported for the GT10 and GT11. However, an alternative is available.</li> </ul>	6.1.10
Ва	r Code	Bar Code Function Settings	0	0	0	Reflected in [Peripheral Unit Setting]-[Bar Code].	-
Sta	atus Observation	Project/Screen Unit Status Observation Settings	0	0	0	Reflected in [Project]-[Status Observation].	-
Tir	ne Action	Time Action Function Settings	0	0	0	Reflected to [Project]-[Time Action].	-
Sa	mpling	Sampling Function Settings	×	×	×	Not supported.	-
Ala	arm History	Alarm History Settings Common to the Projects (Alarm History Common Settings)	Δ	Δ	Δ	Print and Ack are not supported.	6.1.11

 $\bigcirc$ : Compatible,  $\bigtriangleup$ : Some functions are not supported,  $\times$ : No applicable functions

GT Designer2 Classic (GOT-F900)			signer3 V T1000 Se		Remarks	Reference	
Function Name Function Description		GT10	GT11	GT15			
Floating Alarm	Floating Alarm Display Function Settings	Δ	Δ	Δ	Report Method is not supported.	6.1.12	
Recipe	Recipe Function Settings	0	0	0	Reflected to [Project]-[Recipe]-[Recipe List].	-	
Parts	Parts Reading, Registering, and Deleting setting	0	0	0	Reflected to [Project]-[Parts]-[Parts Image List].	-	
Comment	Comment Settings	0	0	0	Reflected to [Project]-[Comment]-[New Comment Group].	-	

# 5.1.2 Object

	GT Designer2 Classic (GOT-F900)			signer3 V T1000 Se		Remarks	Reference
	Function Name	Function Description	GT10	GT11	GT15		
	Bit Switch	Bit Operating Switch Settings	0	0	0	Reflected in [Object]-[Bit Switch] and [Object]- [Switch].	6.1.13
	Data Set Switch	Word Operating Switch Settings	0	0	0	Reflected in [Object]-[Word Switch] and [Object]- [Switch].	6.1.14
	Special Function Switch	Special Function (list editor) Switch Settings	Δ	Δ	Δ	Lamp of Text/Lamp and Trigger are not supported.	6.1.15
tch	Go to Screen Switch	Go to Screen Switch Settings	0	0	0	Reflected in [Object]-[Bit Switch] and [Object]- [Switch].	6.1.16
Switch	Data Change Switch	Data Change Switch Settings	Δ	Δ	Δ	The name is changed to Key Window Display Switch. The window to be displayed is Key Window.	6.1.17
	Recipe Transfer Switch	Recipe Transfer Switch Settings	×	×	×	Not supported. However, an alternative is available.	6.1.18
	Key Code Switch	Key Code Switch Settings	Δ	Δ	Δ	Lamp of Text/Lamp is not supported.	6.1.19
	Multi Action Switch	Multi Action Switch Settings	Δ	Δ	Δ	The name is changed to Switch. Keyboard type of Recipe and Data Change are not supported.	6.1.20
	Bit lamp	Bit Device Switching Lamp Display Function Settings	0	0	0	-	-
Lamp	Bit lamp Area	Bit lamp Area Settings	×	×	×	Not supported. However, an alternative is available.	6.1.21
Ľ	Screen lamp	Screen lamp Function Settings	×	×	×	Not supported. However, an alternative is available.	6.1.22
	External lamp	External lamp Function Settings	×	×	×	Not supported. However, an alternative is available.	6.1.23
Nu	merical Display	Numerical Display Function Settings	Δ	Δ	Δ	Bg Transparent is not supported.	6.1.24
Asc	cii Display	Ascii Display Function Settings	Δ	Δ	Δ	Bg Transparent is not supported.	6.1.25
Nu	merical Input	Numerical Input Function Settings	Δ	Δ	Δ	Bg Transparent is not supported.	6.1.26
Aso	cii Input	Ascii Input Function Settings	Δ	Δ	Δ	Bg Transparent is not supported.	6.1.27
Da	e Display	Date Display Function Settings	Δ	Δ	Δ	Bg Transparent is not supported.	6.1.28
Tim	ne Display	Time Display Function Settings	Δ	Δ	Δ	Bg Transparent is not supported.	6.1.29
nent	Bit Comment	Bit Device Switching Comment Display Function Settings	Δ	Δ	Δ	Use 6 × 8 dot font and Bg Transparent are not supported.	6.1.30
Comment	Word Comment	Word Device Switching Comment Display Function Settings	Δ	Δ	Δ	Offset, Use 6 × 8 dot font and Bg Transparent are not supported.	6.1.31
E	Alarm History	Alarm History Function Settings	Δ	Δ	Δ	Use $6 \times 8$ dot font and $1 \times 0.5$ (Size) are not supported.	6.1.32
Aları	Alarm list	Alarm list Function Settings	Δ	Δ	Δ	Use $6 \times 8$ dot font, Store Memory and $1 \times 0.5$ (Size) are not supported.	6.1.33
	Bit Parts	Bit Device Switching Parts Display Function Settings	0	0	0	-	-
Parts	Word Parts	Word Device Switching Parts Display Function Settings	Δ	Δ	Δ	Offset is not supported.	6.1.34
	Fixed Parts	Parts Display Function Settings Using Fixed Parts	0	0	0	-	-

 $\bigcirc$ : Compatible,  $\bigtriangleup$ : Some functions are not supported,  $\times$ : No applicable functions

	GTI	Designer2 Classic (GOT-F900)		signer3 V T1000 Se		Remarks	Reference	
	Function Name	Function Description	GT10	GT11	GT15	1		
Par	elmeter	Panelmeter Display Function Settings	Δ	Δ	Δ	Special of Type is not supported.	6.1.35	
	Line Graph	Line Graph Function Settings	0	0	0	-		
	Trend Graph	Trend Graph Function Settings	Δ	0	0	Store Memory is not supported for the GT10.	6.1.36	
	Bar Graph	Bar Graph Function Settings	0	0	0	-		
Graph	Statistics Bar Graph	Statistics Bar Graph Function Settings	0	0	0	-		
:	Statistics Pie Graph	Statistics Pie Graph Function Settings	0	0	0	-		
	Circle Graph	Circle Graph Function Settings	×	×	×	Not supported. However, an alternative is available.	6.1.37	
Key	board	Keyboard Function Settings	×	×	×	Not supported. However, an alternative is available.	6.1.38	ī
Buz	zer	Buzzer Function Settings	×	×	×	Not supported. However, an alternative is available.	6.1.39	
Set Overlay Screen		Set Overlay Screen Function Settings	0	0	0	-	-	
Key	Window Position	osition Key Window Display Position Settings		0	0	-	-	

#### Figure 5.1.3

		O: Con	npatible,	∆: Some	e functior	ns are not supported, ×: No applicable	e functions	A N N
		esigner2 Classic GOT-F900)		esigner3 Ve DT1000 Sei		Remarks	Reference	SCREEN DATA CONVERSION OPERATION
Function	Name	Function Description	GT10	GT11	GT15	1		O D O
Text		Text Settings	Δ	Δ	Δ	Bg Transparent is not supported.	6.1.40	5
Line		Line drawing	0	0	0	-	-	
Rectangle Rectangle (Filled)		Unfilled rectangle drawing	0	0	0	-		ATA-
		Filled rectangle drawing	0	0	0	Integrated in Rectangle.	-	
Circle		Unfilled circle drawing	0	0	0	-		PROJECT DATA COMPATIBILITY TABLE
Circle (Filled)		Filled circle drawing	0	0	0	Integrated in Circle.	-	
Import Image			0	0	0	-	-	6
Capture Image	Rectan gular Range Area	Pasting Bit map data (*.bmp) to the screen being edited	0	0	0	-	-	CONFIRMATION AND SETTINGS AFTER CONVERSION
	Window Area		0	0	0	-	-	CONFIF SETTIN CONVE
Import DXF		Pasting DXF data (*.dxf) to the screen being edited	0	0	0	-	-	7 եջ

5 - 4

4

**B** COMPATIBILITY OF SYSTEM SCREENS

WRITING PROJECT DATA AND OS TO THE GOT

# 5.2 GT Designer2 Classic (A95[ ]GOT) → GT Designer3 (GT11)

Based on the functions of GOT-A95 GOT in GT Designer2 Classic, all functions other than in those the following table are compatible with the GT11 in GT Designer3.

### 5.2.1 Common

O: Compatible, △: Some functions are not supported, ×: No applicable functions

	GT Designer2 Classic	(GOT-A95□GOT)	GT Designer3 Version1 (GOT1000 Series)	Remarks	Reference
Functio	n Name	Function Description	GT11		
System         Station No.           Environment         Switching   Station No. Switching Function		×	-	-	

# 5.2.2 Object

#### O: Compatible, △: Some functions are not supported, ×: No applicable functions

	GT Designer2 (GOT-A95⊡		GT Designer3 Version1 (GOT1000 Series)	Remarks	Reference
Function Name		Function Description	GT11		
	Data Set Switch	Word Operating Switch Settings	0	The name is changed to Word Switch.	-
Object	Multi Action Switch	Multi Action Switch Settings	0	The name is changed to Switch.	-
	Change Station No. Switch	Change Station No. Switch	×	-	-

### 5.2.3 Figure

 $\bigcirc$ : Compatible,  $\triangle$ : Some functions are not supported,  $\times$ : No applicable functions

	GT Designer2 Cla	ssic (GOT-A95∏GOT)	GT Designer3 Version1 (GOT1000 Series)	Remarks	Reference
	Function Name	Function Description	GT11		
Figure	Rectangle (Filled)	Filled rectangle drawing	0	Integrated in Rectangle.	-
rigure	Circle (Filled)	Filled circle drawing	0	Integrated in Circle.	-

### FX-PCS-DU/WIN (F900) → GT Designer3 5.3

The following table shows compatibility of each function to be converted into the project data of the GOT1000 Series in GT Designer3 based on the functions of the GOT-F900 that can be used by FX-PCS-DU/ WIN.

#### 5.3.1 View/Project

	F	X-PCS-DU/WIN (GOT-F900)		T Designe Version1 T1000 Se		Remarks	Reference	
Functi	on Name	Function Description	GT10	GT11	GT15	1		
Screen List	Screen Header	Screen No, Screen Name, Bg Color, Security and Overlay Screen Settings	Δ	Δ	Δ	Partial reconfiguration is required after conversion.	6.2.1	
Text Library		-	0	0	0	Treated as comment, and the numbers are converted to 1 and higher.	<sup>-e</sup> - 3	
Image Librar	у	-	0	0	0	Treated as parts, and the numbers are converted to 1 and higher.	-	
Device Com	ments	-	×	×	×	Not supported.	-	
Alarms		Head Address, Nbr of Alarms, Display Pos, Message, Report, Scr. No, Print, Acknowledge and Reset Operation Settings	Δ	Δ	Δ	Some functions are not supported.	6.2.2	
Data Banks		-	×	×	×	The function name is changed to Recipe. Set the Recipe Name, Reed Trigger and others again.	-	
		Head Bit Device	×	×	×	Not supported.	-	
Time Channels		Week days, Start Time, End Time and Comment Settings	×	×	×	Not supported. Set again in [Common]-[Time Action].	-	
Data Sample	r	-	×	×	×	Not supported.	-	
Hard Copy		-	×	×	×	Not supported.	-	
System	Project Settings	GOT Type and Connection PLC System Settings, and Display Language Settings on System Screen and User-created Screen	Δ	Δ	Δ	Some functions are not supported.	6.2.3	
	Interface Devices	Settings of Word Device and Bit Device for Screen Switching and communicating information between various GOTs and PLC	×	×	×	Not supported. However, an alternative is available.	6.2.4	
	Date/Time Format	Settings of Date/Time Display Format on System Screen	×	×	×	<ul> <li>For Date Display on the user screen, Sort can be specified individually. Confirm and set Sort again.</li> <li>Sort on the system screen depends on the system language setting. (M/D/Y for English, D/M/Y for German, Y/M/D for others)<sup>11</sup></li> </ul>	-	
Settings	Entry Code	Transfer and Screen Protect Settings, and Entry Code Input Error Display Setting	Δ	Δ	Δ	Some functions are not supported.	6.2.5	
	Setup Data	Opening Screen Time, Backlight Off Time, Connection, Buzzer, Operation Settings at Touch Input, and Handy GOT Settings	Δ	Δ	Δ	Some functions are not supported.	6.2.6	
	DU Printer	-	×	×	×	Not supported.	-	
	DU Menu Key	DU Menu Key Position Settings	0	0	0	-	-	
	Bar Code Settings	Settings of Data Storage Destination Head Address and Nbr of Address at Bar Code Connection	0	0	0	-	-	
	Status observation	Set Object and Condition watch cycle Settings	0	0	0	+1 is added to the Screen Number.	-	
	Color settings	Color Selection (F940WGOT only)	×	×	×	Not required setting for GOT1000 Series.	-	

O: Compatible, △: Some functions are not supported, ×: No applicable functions

1

REPLACEMENT MODEL SUMMARY

2

### 5.3.2 Object

#### GT Designer3 FX-PCS-DU/WIN Version1 (GOT-F900) Remarks Reference (GOT1000 Series) Function Name Function Description GT10 GT11 GT15 Text, Format, 8×6 dot font, Display Position and Text 0 Ο Ο --Character Size Settings Text Device Settings, Format, Display Position, 8×6 dot Library text Δ Δ $\Delta$ $8 \times 6$ dot font is not supported. . font and Character Size Settings Image Registration No. and Display Position +1 is added to Figure No., which is Image 0 0 0 Settings converted as Object No. Image Indirect Specification Device, Offset and Display Library Image 0 0 0 \_ \_ **Position Settings** Graph Object Device, Minimum Value, Maximum Converted to Bar Graph. Bar Graph Value, Graph Type, Scale Position, Format, Δ Δ Δ Some functions are not supported. **Display Position and Size Settings** Graph Object Device, Data Size, Minimum Value, Maximum Value, Ticks Horizontal, Ticks Vertical, Sampl.Cycle(s), Bg, Graph, Direction, Shown Trend Graph Devices (Line Style, Color), Save Memory, Erase Ο 0 Ο Converted to Trend Graph. Trigger, Condition, (Erase Trigger Device), Frame (Color), Frame Type (Shape), Display Position, Size Settinas Not supported. However, an alternative Circle Graph 6.1.37 × × × is available Graph Object Device, Minimum Value, Maximum Graph Each function is reflected in the Value, Bg, Meter (Color), Fg (Color), Ticks, Frame Panel Meter 0 0 operation and inherited. However, the 0 \_ (Color), Frame Type (Shape), Display Position and aspect ratio and needle shape change. Size Settings Proportional Graph Object Device, Graph Settings, Format, 0 0 Ο \_ \_ Bar Graph Display Position and Size Settings Statistics Pie Graph Object Device, Graph Settings, Format, 0 0 0 Graph **Display Position and Size Settings** Graph Object Device, Data Size, Minimum Value, Maximum Value, Ticks, Non-displayed Value, Line Graph Direction, Bg, Frame, Shown Devices, Frame 0 0 0 (Color), Frame Type (Shape), Display Position and Size Settinas Indicator Display Object Bit Device, Text Off, Text On, Off Bg, On Bg, Format, Display Position, Text Indicator Δ Δ Δ $8 \times 6$ dot font is not supported. 8×6 dot font Specification and Character Size Settinas Indicator Display Object Bit Device, Image Off, Image Indicator +1 is added to the image number. 0 0 Ο Image On, Display Position Settings Not supported. However, an alternative Indicator × × х 6.1.21 is available. Indicator Display Object Bit Device, Label, Indica Label Label (Color), Frame, 8×6 dot font dot font Ο 0 Ο \_ tor Indicator Specification, Character Size, OFF, ON, Display Position and Size Settings Change Screen Not supported. \_ × × × Output Not supported. However, an alternative × 6.1.23 -× × Indicator is available Overlav Not supported. However, an alternative -6.1.22 x × × Indicator is available. Not supported. However, an alternative Buzzer 6.1.39 × × × is available.

#### $\bigcirc$ : Compatible, $\triangle$ : Some functions are not supported, $\times$ : No applicable functions

		FX-PCS-DU/WIN (GOT-F900)		T Designe Version1 T1000 Se		Remarks	Reference	
Fu	nction Name	Function Description		GT10 GT11 GT15				
Date	Date	View Format, Display Color, 8 × 6 dot font Use, Display Position and Character Size Settings	Δ	Δ	Δ	Some functions are not supported. The background is transparent.	6.2.9	
, Time	Time	View Format, Display Color, 8 × 6 dot font Use, Display Position and Character Size Settings	Δ	Δ	Δ	Some functions are not supported. The background is transparent.	6.2.10	ļ
Alarm	Alarm list	Device Settings, Frame Type and Color Settings, Save Memory, Date Display, Scroll Display Use, Detailed Settings, 8 × 6 dot font Use, Display Position and Character Size Settings	Δ	Δ	Δ	1 is added to the displayed comment No. and the window No. and screen No. used for detail display. In addition, 8 × 6 dot font and 1 × 0.5 (Size) are not supported.	-	
	Alarm History	View Format, Display Settings, Frame Type and Color Settings, $8 \times 6$ dot font Use, Display Position and Character Size Settings	Δ	Δ	Δ	$8 \times 6$ dot font and $1 \times 0.5$ (Size) are not supported.	-	
Ascii		Word Device, Data Length, Data Changeable, Frame and Bg Color Settings, 8 × 6 dot font Use, Display Position, Character Size, User ID and Next ID Settings		0	0	Converted to [ASCII Input] if [Data Changeable] is checked in the configuration of FX-PCS-DU/WIN, and [ASCII Display] if [Data Changeable] is not checked.	-	
Numbe	r	Display Device Settings, Data Changeable, Minimum Value, Maximum Value, Decimal Point, Format String (Combined Display of Numbers and Characters), Frame and Bg Color Settings, Calculation Formula, 8 × 6 dot font Use, Display Position, Character Size, User ID and Next ID Settings	Δ	Δ	Δ	Converted to [Numerical Input] if [Data Changeable] is checked in the configuration of FX-PCS-DU/WIN, and [Numerical Display] if [Data Changeable] is not checked. In addition, Bg Transparent is not supported.	-	
	Box			0	0	-		SCREEN DATA
Box	Filled Box	Frame, Filled, Pattern, Position and Size Settings	0	0	0	-	-	
Circle	Circle	Frame, Filled, Pattern, Position and Size Settings	0	0	0	-	-	L L L L
	Filled Circle	Traine, Tilleu, Tatterri, Tosition and Size Settings	0	0	0	-	-	U
ine		Type, Line Color, Start Position and End Position Settings	0	0	0	-	-	
mage		Image No., Position Settings	0	0	0	-	-	<
Fouch I	Кеу	-	Δ	Δ	Δ	Converted to Switch. When screen switching setting to the system screen is assigned, screen switching setting is deleted. After converting, assign again as an extended function.	-	PROJECT DATA
Keyboa	ard	-	×	×	×	Not supported. However, an alternative is available.	6.1.38	

# 6. CONFIRMATION AND SETTINGS AFTER CONVERSION

This chapter describes the confirmation and setting methods for the functions, which, in the compatibility table in Chapter 5, are not fully supported by the GOT1000 Series and whose setting value or setting destination is changed after conversion.

# 6.1 GT Designer2 Classic (F900) $\rightarrow$ GT Designer3

# 6.1.1 [Common] System Environment-System Settings

### Conversion summary

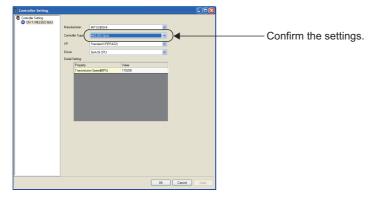
[System Settings] is converted according to the following.

		GOT-F900 Series		GT1020, 1030	GT104□, 105□	GT11, GT15				
		MELSEC-QnA/Q	$\rightarrow$	MELSE	EC-QnA/Q	MELSEC-QnA/Q, MELDAS C6*				
		MELSEC-Q (Multi)	$\rightarrow$	MELSE	C-Q (Multi)	MELSEC-Q (Multi)/Q Motion				
		MELSEC-A	$\rightarrow$		MELS	EC-A				
		MELSEC-FX	$\rightarrow$	MELSEC-FX						
		OMRON SYSMAC	$\rightarrow$	OMRON SYSMAC						
		YASKAWA CP9200SH/MP900	$\rightarrow$	YASKAWA CP9200SH/MP900						
	Type	Computer	$\rightarrow$	Computer						
s	CΤy	AB SLC500	$\rightarrow$	AB SLC500						
Settings	PLC	AB MicroLogix1000/1200/1500	$\rightarrow$	AB MicroLogix1000/1200/1500						
n Se		SEIMENS S7-300	$\rightarrow$	SEIMENS S7-300/400						
System		SEIMENS S7-200	$\rightarrow$	SEIMENS S7-200						
ŝ		FX(2N)-10GM/20GM	$\rightarrow$	Not supported.						
		FREQROL	$\rightarrow$	FREQROL 500/700						
		MATSUSHITA MEWNET FP	$\rightarrow$	PANASONIC MEWNET FP						
		FUJI N	$\rightarrow$		Not sup	ported.				
	sbi	8 colors	$\rightarrow$							
	Settings	256 colors	$\rightarrow$	2 colors		Set again.				
	Color Se	2 colors (monochrome)	$\rightarrow$	(monochrome)	Set again.					

### Confirmation and resetting after conversion

(1) PLC Type

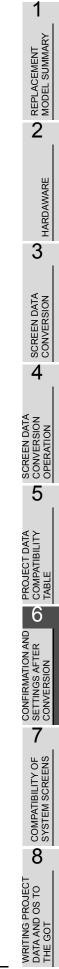
Confirm in [System]-[Controller Setting]-[Controller Type] after converting the data to GOT1000 Series.



### (2) Color Settings

Set again in [System]-[Type Setting] after converting the data to GOT1000 Series.

GOT Type:	GT10***-Q (320x2	240)	*		
Setup Direction:	<ul> <li>Horizontal</li> </ul>	Vertical			
Color Setting:	256			•	Set ag
Project Folder:	Project1				
Standard Font					
Font	Japanese (suppo	orting Europe)	~		
16dot Standard Font:	💿 Gothic	🔘 Mincho			
TrueType Numerical Fon	t: 🚫 Gothic	7-Segment			



# 6.1.2 [Common] System Environment-Auxiliary Setting

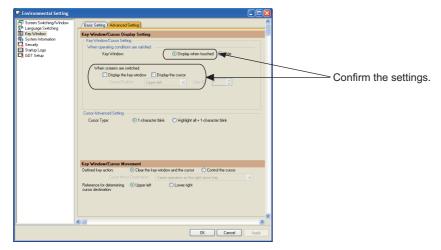
### ■ Conversion summary

### [Auxiliary Setting] is converted according to the following.

		GOT-F900 Ser	ies		GT10, GT11, GT15
		Action when	Don't display cursor and key window	$\rightarrow$	Deflected in ICOT Setting! [Covingements] Setting! [Kov/Window]
		switching	Display cursor only	$\rightarrow$	Reflected in [GOT Setting]-[Environmental Setting]-[Key Window]- [Advanced Setting]-[When screens are switched].
	Key Window/Cursor	screen	Display cursor and key window	$\rightarrow$	
	display setting	When touch input is detected, open key window at the same time		→	Reflected in [GOT Setting]-[Environmental Setting]-[Key Window]- [Advanced Setting]-[Display when touched].
D	Use Serial Port, Setup, Language, Menu Key		Checked/Not checked	$\rightarrow$	Reflected in [GOT Setting]-[Environmental Setting]-[GOT Setup]- [Enable GOT Setup].
Auxiliary Setting			Full (Vertical)	$\rightarrow$	Reflected in [GOT Setting]-[Type Setting]-[Setup Direction].
S ∑			Full (Horizontal)	$\rightarrow$	Reflected in [GOT Setting]-[Type Setting]-[Setup Direction].
ixilia	Format		Divided (Left)	$\rightarrow$	
AL			Divided (Right)	$\rightarrow$	
			Divided (Both)	$\rightarrow$	
		Sub screen col	or	$\rightarrow$	
			Keyboard	$\rightarrow$	
		Sub screen	Alarm History	$\rightarrow$	Netournetted
	Screen	contents	Alarm List	$\rightarrow$	Not supported.
	configuration		Alarm Frequency	$\rightarrow$	
	settings		Custom	$\rightarrow$	
		Display Key window onto sub screen area	Checked/Not checked	$\rightarrow$	

### Confirmation after conversion

 Key Window/Cursor Display Setting After converting the data to GOT1000 Series, confirm the settings in the following.



(2) Use Serial Port, Setup language, Menu Key After converting the data to GOT1000 Series, confirm the settings in the following.

P Environmental Setting	
Screen Switching/Window	——Confirm the settings
Kangaage Switching     Display/Operation / Disck Setting     System Information	0
Set basic settings of GOT display and key operations.      Set basic settings of GOT display and key operations.	
GOT Setup Display	
System Language: English	
Title Display Time: 5 👙 (Sec) (G - 60)	
Time to Screen Save: 0 (Min) (0 : Invalid : 60)	
Screen Save Backlight ON OFF	
Operation	
Buzzer: O None   Short O Long	
Window Shitting Buzzer:   ON  OFF	
Utity Gel Key. Long Press:	
0 🔅 (Sec)(06)	
Key Reaction:	
Standard	
"The setting of GOT will be overwritten with the contents of GOT Setup after data transfer when GOT Setup is enabled	
arter dava mansrer winen GUT Serup is enabled.	
K II	
OK Cancel Apply	

(3) Format

After converting the data to GOT1000 Series, confirm the settings in the following.

GOT Type Setting GOT Type GOT Type:	GT10**-Q (320x.	240)	¥	×	2
Setup Direction:	<ul> <li>Horizontal</li> </ul>		<b> </b>		Confirm the settings
Color Setting:	256 Project1		✓		
Project Folder: C Standard Font	Frojecti				
Font	Japanese (suppo	orting Europe)	~		
16dot Standard Font:	💿 Gothic	🔘 Mincho			
TrueType Numerical For	nt: 🚫 Gothic	7-Segment			



# 6.1.3 [Common] System Environment-System Information

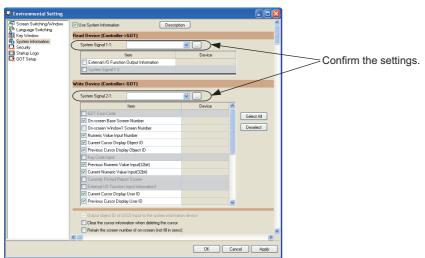
### Conversion summary

[System Information] is converted according to the following.

	GOT-F	900 Series		GT10, GT11, GT15	
Quatan	Read Device	Device Value		Reflected in [GOT Setting]-[System Information].	
System Information		Checked/Not checked Current Recipe No.	$\rightarrow$	Not supported.	
Information	Write Device	Device Value	$\rightarrow$	Reflected in [GOT Setting]-[System Information].	

### Confirmation after conversion

After converting the data to GOT1000 Series, confirm the settings in the following.



# 6.1.4 [Common] System Environment-Screen Switching

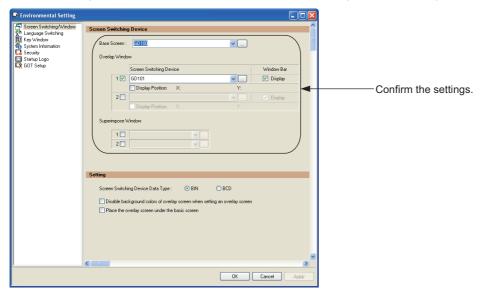
### Conversion summary

[Screen Switching] is converted according to the following.

	GOT-F900 Series		GT10, GT11, GT15
	Base Screen		
	Overlap Window1		
Screen			Reflected in [GOT Setting]-[Environmental Setting]-[Screen Switching/Window].
Switching	Overlap Window2	$\rightarrow$	
	Uninitialize switching screen device		Not supported.

### Confirmation after conversion

After converting the data to GOT1000 Series, confirm the settings in the following.





**Overlap Window** 

For the GOT-F900 Series, the overlap window consists of the base screen overlapped with a specified base screen.

After converting to GOT1000 Series, create a window screen with the screens used for overlap window 1 and 2.

1

REPLACEMENT MODEL SUMMARY

# 6.1.5 [Common] System Environment-Password

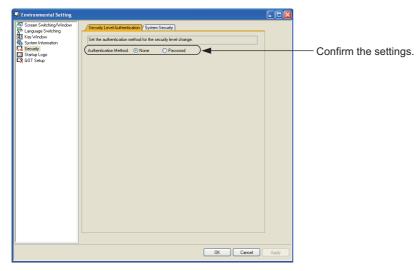
### ■ Conversion summary

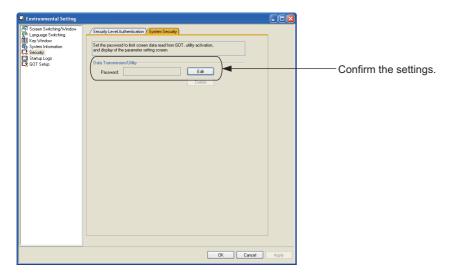
[Password] is converted according to the following.

		GOT-F900 Series		GT10, GT11, GT15		
	Security	Security Level Device	Checked/Not checked	$\rightarrow$	Reflected in [GOT Setting]-[Environmental Setting]-	
			Device Value	$\rightarrow$	[Security]-[Security Level Authentication].	
Password		Password		$\rightarrow$		
		Display password input error	Checked/Not checked	$\rightarrow$	Not supported.	
	System	Data Transmission/Utility	Password	$\uparrow$	Reflected in [GOT Setting]-[Environmental Setting]- [Security]-[System Security].	

### Confirmation after conversion

After converting the data to GOT1000 Series, confirm the settings in the following.





# 6.1.6 [Common] System Environment-GOT Setup

### Conversion summary

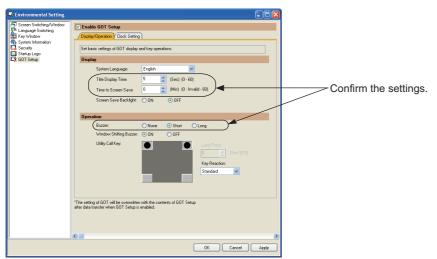
Ī

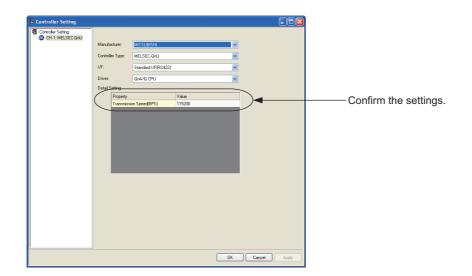
[GOT Setup] is converted according to the following.

GOT-F900 Series				GT10, GT11, GT15
	Opening Screen Time	0 to 60 (Sec)	$\rightarrow$	Reflected in [GOT Setting]-[Environmental Setting]-[GOT Setup]- [Display/Operation].
	Backlight Off Time	0 to 99 (Min)	$\rightarrow$	Reflected in [GOT Setting]-[Environmental Setting]-[GOT Setup]- [Display/Operation]-[Time to Screen Save]. 0 to 60 (Min)
0	Buzzer	ON	$\rightarrow$	Reflected in [GOT Setting]-[Environmental Setting]-[GOT Setup]- [Display/Operation]-[Buzzer]. Buzzer: Short
T Setup		OFF	$\rightarrow$	Reflected in [GOT Setting]-[Environmental Setting]-[GOT Setup]- [Display/Operation]-[Buzzer]. Buzzer: None
GOT		Port	$\rightarrow$	
	Connection	Туре	$\rightarrow$	Poflocted in [Controller Type] [CH:*] [Dateil Setting]
	Connection	Station No.	$\rightarrow$	Reflected in [Controller Type]-[CH:*]-[Detail Setting].
		GOT Station No.	$\rightarrow$	
	When touch input detected do not change to input	Checked/Not checked	$\rightarrow$	Not supported.

### Confirmation after conversion

After converting the data to GOT1000 Series, confirm the settings in the following.







6

CONFIRMATION AND SETTINGS AFTER CONVERSION

7

COMPATIBILITY OF SYSTEM SCREENS

8

WRITING PROJECT DATA AND OS TO THE GOT

1

REPLACEMENT MODEL SUMMARY

# 6.1.7 [Common] System Environment-Language

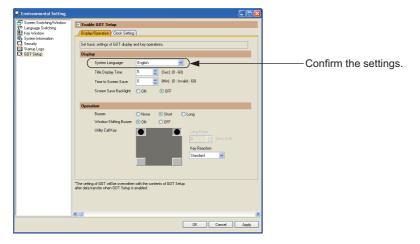
### Conversion summary

[Language] is converted according to the following.

	GOT-F900 Series			GT10, GT11, GT15
		English	$\rightarrow$	Deflected in ICOT Setting! [Equirepmental Setting] [COT Setup]
	System Language Lananese	Japanese	$\rightarrow$	Reflected in [GOT Setting]-[Environmental Setting]-[GOT Setup]- [Display/Operation].
		· [= · · p· - J· - p - · · · · · ].		
		Japanese	$\rightarrow$	
Language	Character Set	Chinese (Simplified)	$\rightarrow$	
Language		Chinese (Traditional)	$\rightarrow$	
		West Europe	$\rightarrow$	Not supported.
		Korea	$\rightarrow$	
	Date Format	Europe	$\rightarrow$	
	Date i offiat	USA	$\rightarrow$	

### Confirmation after conversion

After converting the data to GOT1000 Series, confirm the settings in the following.



# 6.1.8 [Common] System Environment-Handy GOT

### Conversion summary

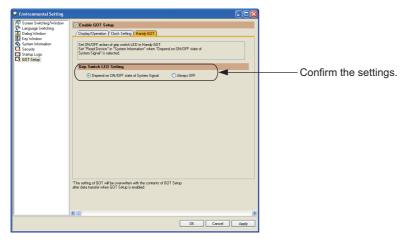
[Handy GOT] is converted according to the following.

[Handy GOT] is applicable to only for the F94\* and GT11 Series GOT type.

	GOT-F900	Series		GT11
		Enable	$\rightarrow$	
	Grip Switch	Disable Write condition of the Grip Switch to the PLC.		Not supported.
	ON → OFF behaviors of the Momentary Switch	Depend on Touch Switch		
Handy GOT		Depend on Grip Switch	$\rightarrow$	
	Grip Switch LED Settings	Depend on Grip Switch	$\rightarrow$	Reflected in [GOT Setting]-[Environmental Setting]-
		Depend on Bit Device condition	$\rightarrow$	[GOT Setup]-[Handy GOT]-[Depend on ON/OFF state of System Signal].
		Always OFF	$\rightarrow$	Reflected in [GOT Setting]-[Environmental Setting]- [GOT Setup]-[Handy GOT]-[Always OFF].

### Confirmation after conversion

After converting the data to GOT1000 Series, confirm the settings in the following.



1

REPLACEMENT MODEL SUMMARY

- Alternative method summary
  - Set in [Controller Setting]-[CH\*]-[Detail Setting] the Communication configuration of the Computer.
  - PRINT (Serial) cannot be connected.
- Setting screen

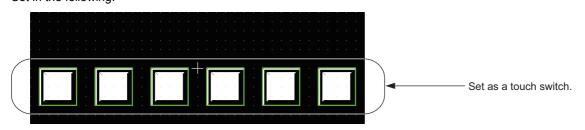
Set in the following.

	Manufa		-					
	Manura	icturer:	Others		~			
	Control	er Type:	Computer		*			
	L/F:		Standard I/F(RS42	(2)	~			
	Driver:		Computer		~			
	Detail 9	ietting						
(	1	Property		Value				
		Transmissi	on Speed(BPS)	19200				
		Data Bit		7 bit				
		Stop Bit		1 bit				
		Parity		Even			_	
		Host Addre	155	0			S	Set
		Format		14				
			ata Byte(Byte)	1				
			errupt Code	No				
		Control Me		No				
		32bit Stora	ge	LH Order				

# 6.1.10 [Common] Operation Panel

- Alternative method summary Set each setting assigned to the operation switch as a touch switch.
- 0 //:

Setting screen
 Set in the following.



# 6.1.11 [Common] Alarm History

### Conversion summary

[Alarm History] is converted according to the following.

	GO'	T-F900 Series			GT10, GT11, GT15			
			Historical	$\rightarrow$				
		Mode	Cumulative	$\rightarrow$				
		Number of alarms to monitor	1 to 256	$\rightarrow$				
		Watch Cycle	3 to 5	$\rightarrow$				
		Watch Cycle	6 to 800	$\rightarrow$				
			Not Display	$\rightarrow$	Reflected in [Project]-[Alarm]-[Alarm History]-[Basic].			
		Detailed alarm display type	Comment Window	$\rightarrow$				
		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Base Screen	$\rightarrow$				
	Device (Common)	Device		$\rightarrow$				
		Cmnt No.						
		Comment Selection						
		Detail						
		Print			Not supported.			
Alarm History		Ack						
		Reset	YES	$\rightarrow$	Reflected in [Project]-[Alarm]-[Alarm History]-[Basic]. RST becomes ON.			
			NO	$\rightarrow$	Reflected in [Project]-[Alarm]-[Alarm History]-[Basic]. RST becomes OFF.			
		Detailed Display No.	Continuous, Random	$\rightarrow$				
		Number of Alarms	Checked/Not checked	$\rightarrow$				
		Occurred	Device	$\rightarrow$	Reflected to [Project]-[Alarm]-[Alarm History]- [Option].			
	Option (Common)	History Clear	Checked/Not checked	$\rightarrow$				
	option (common)		Device	$\rightarrow$				
		When no of alarm occurrences exceed 1000, delete oldest alarm occurrences	Checked/Not checked	$\rightarrow$	Reflected in [Project]-[Alarm]-[Alarm History]- [Option]. Clear the oldest history when the number of histories exceeds the specifiled value.			

 PROJECT DATA
 SCREEN DATA

 COMPATIBILITY
 C
 CONVERSION
 P
 SCREEN DATA

 TABLE
 OPERATION
 OPERATION
 P
 CONVERSION

1

**C** REPLACEMENT MODEL SUMMARY

HARDAWARE

3

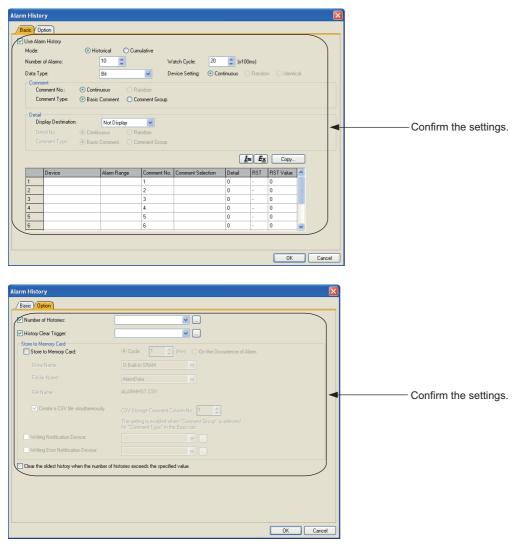
COMPATIBILITY OF SYSTEM SCREENS

8

CONFIRMATION AND SETTINGS AFTER CONVERSION

### Confirmation after conversion

After converting the data to GOT1000 Series, confirm the settings in the following.



# 6.1.12 [Common] Floating Alarm

## Conversion summary

[Floating Alarm] is converted according to the following.

	GO	T-F900 Series			GT10, GT11, GT15		
	Device Points		1 to 256		Reflected in [Project]-[Alarm]-[Floating Alarm]- [Basic]-[Alarm (Device) Points].		
		Тор		$\rightarrow$			
	Display Location	Center		$\rightarrow$	Reflected in [Screen Property]-[Basic]-[Display Position].		
		Bottom					
	Report Method	Ticker			Not supported.		
	Report Method	Overlapped Window		$\rightarrow$	Not supported.		
Floating Alarm	Device						
	Cmnt No.				Reflected in [Project]-[Alarm]-[Floating Alarm]- [Basic].		
	Comment						
		1×1		$\rightarrow$			
	Size	2×2		$\rightarrow$	Reflected in [Project]-[Alarm]-[Floating Alarm]-		
	5126	4×4		$\rightarrow$	[Format].		
		Others	$1 \times 1$ to $4 \times 4$ (X $\times$ Y)		1		

#### Confirmation after conversion

After converting the data to GOT1000 Series, confirm the settings in the following.

Atran Flow Visce From Visce Atran Flow Visce Type: Device Type: Content Na: Content Na: C	Confirm the settings.	Nam Flow       East:       Flow Rule:       Display Nithule       Fort       Telder Standard       See       N X 1       Marm Tel Color:       Display Background	PROJECT DATA COMPATIBILITY TABLE CONVERSION OPERATION
Screen Property	— Confirm the settings.		WRITING PROJECT COMPATIBILITY OF CONFIRMATION AND DATA AND OS TO SYSTEM SCREENS CONVERSION

1

REPLACEMENT MODEL SUMMARY

2

HARDAWARE

3

SCREEN DATA CONVERSION

# 6.1.13 [Object] Bit Switch

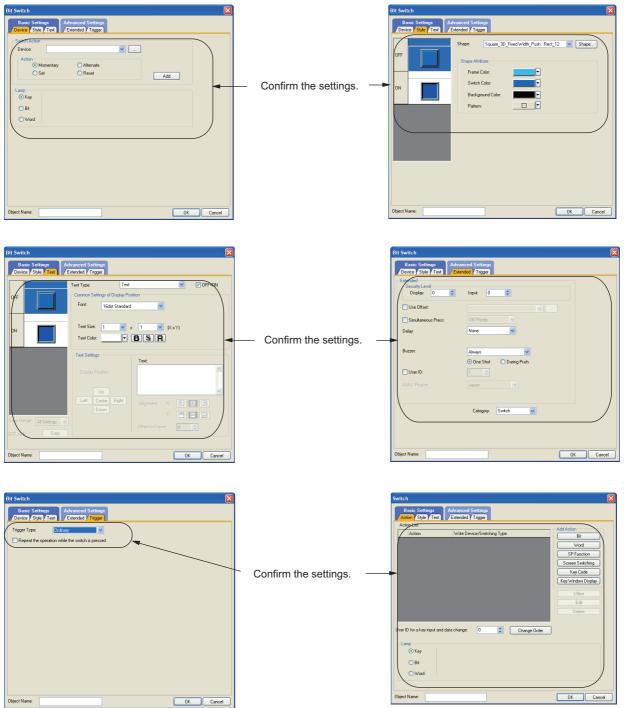
## Conversion summary

[Bit Switch] is converted according to the following.

	GC	DT-F900 S	eries		GT10, GT11, GT15	
		Device		$\rightarrow$	Reflected in [Bit Switch]-[Device]-[Device].	
	Switch	Set		$\rightarrow$		
	Switch Action	Alternate		$\rightarrow$	Reflected to [Bit Switch]-[Device]-[Action].	
		Reset		$\rightarrow$	The Alternate is reflected as Alternate.	
		Momentary		$\rightarrow$		
		ON			Reflected in [Bit Switch]-[Style].	
		OFF		$\rightarrow$		
			None	$\rightarrow$	Reflected in [Bit Switch]-[Style]-[Shape].	
Basic			FGOT_Switch:Basic	$\rightarrow$	Reflected in [Bit Switch]-[Style]-[Shape] as @FGOT_Switch:Basic.	
	Display		FGOT_Switch:Rect1(R)		Reflected in [Bit Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1(R).	
20010	Style	Shape	FGOT_Switch:Rect1	$\rightarrow$	Reflected in [Bit Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1.	
			FGOT_Switch:3DRect1	$\rightarrow$	Reflected in [Bit Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect1.	
			FGOT_Switch:3DRect2(R)	$\rightarrow$	Reflected in [Bit Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect2(R).	
		Frame			Reflected in [Bit Switch]-[Style]-[Shape Attribute].	
		Switch			Nenected in [bit Switch]-[Style]-[Shape Attibute].	
		Switch		$\rightarrow$		
ich	Category	Lamp		$\rightarrow$	Reflected in [Bit Switch]-[Extended]-[Category].	
	Category	Others		$\rightarrow$		
		None		$\rightarrow$		
		ON		$\rightarrow$		
		OFF		$\rightarrow$		
		Text		$\rightarrow$		
			1×1	$\rightarrow$	Reflected in [Bit Switch]-[Text].	
<b>T</b> . 11	Text	Size	2×2	$\rightarrow$		
Text/ Lamp		0120	4×4	$\rightarrow$		
			Others	$\rightarrow$		
		Use 6×	8 dot font	$\rightarrow$	Reflected in [Bit Switch]-[Text]-[Font].	
		Text		$\rightarrow$	Reflected in [Bit Switch]-[Text].	
	Lamp	Key		$\rightarrow$	Poflected in [Pit Switch] [Dovice] [Lamp]	
	Lamp	Bit		$\rightarrow$	Reflected in [Bit Switch]-[Device]-[Lamp].	
	Simultane	ous Press		$\rightarrow$	Reflected in [Bit Switch]-[Extended]-[Simultaneous Press].	
	Trigger	Ordinar	/	$\rightarrow$		
Trigge	Trigger er Type	ON		$\rightarrow$	Reflected in [Bit Switch]-[Trigger]-[Trigger Type].	
		OFF		$\rightarrow$		
	Auto Repe	at		$\rightarrow$	Reflected in [Bit Switch]-[Trigger]-[Repeat the operation whi the switch is pressed].	

			GOT-F900	Series				GT10, GT11, GT15	
			Device			$\rightarrow$	Reflected in [C [Device].	Object]-[Switch]-[Action]-[Bit]-	
ļ	, 1	l		Set		$\rightarrow$	Set		
ļ	, 1	Bit	Action	Alternate		_→	Alternate	Reflected in [Object]-[Switch]-	
ļ	1		Action	Reset		$\rightarrow$	Reset	[Action]-[Bit]-[Action].	
	, I	1		Momentary		$\rightarrow$	Momentary	1	
			Device			$\rightarrow$	Reflected in [C [Device].	Object]-[Switch]-[Action]-[Word]-	
ļ	, I	1	Data Size	16 Bit		$\rightarrow$			
	1	1	Data Oizo	32 Bit		$\rightarrow$	•	d reflected in [Object]-[Switch]-	
	, I	1	Data Type	Signed BIN		$\rightarrow$	[Action]-[Word	I]-[Data Type].	
	1		Data Type	Unsigned BIN		$\rightarrow$	1		
		Word	Set Value	Fixed		$\rightarrow$	Reflected in [C [Setting Value]	Object]-[Switch]-[Action]-[Word]- ə]-[Constant].	
			Sel value	Indirect		$\rightarrow$		bject]-[Switch]-[Action]-[Word]- -[Indirect Device].	
	, I	1	Initial	Condition Value		$\rightarrow$	Peflected in [(	Object]-[Switch]-[Action]-[Word]-	
	 		Value Condition	Depart \/alua		$\rightarrow$	[Initial Value C		
	1	Base Recipe	Next	Fixed		$\rightarrow$		Object]-[Switch]-[Action]-[Screen	
Bit Switch	Action		Screen	Previous		$\rightarrow$	Switching]-[Ba	ase].	
Switch	, I		Recipe	Direct		$\rightarrow$			
	, I		cipe No.	Indirect		$\rightarrow$	Not supported	4	
	, I			$GOT \rightarrow PLC$		$\rightarrow$		J.	
ļ	, I		1 0110000.	$PLC \rightarrow GOT$		$\rightarrow$	1		
				User ID		$\rightarrow$		Object]-[Switch]-[Action]-[User ID for nd data change].	
	, I	1			DEC 8×4	$\rightarrow$			
	, I	1			DEC 8×8	$\rightarrow$	1		
	, I	1			DEC 16×2	$\rightarrow$	1		
	, I				DEC 16×4	$\rightarrow$	1		
	, I	Data Change	Switch Action	Keyboard Type	HEX 10×4	$\rightarrow$	Not supported	1.	
	, I	Ononge	/1000.		HEX 10×8	$\rightarrow$	1		
ļ	, I	1			ALPHANUM		1		
	, I	1			16×5				
	, I	1			ALPHA 16×5	$\rightarrow$			
	, I	1		Keyboard Location	x	$\rightarrow$	-	Object]-[Switch]-[Action]-[Key	
ļ	, 1	l			Y	$\rightarrow$		ay]-[Key Window Position].	
ļ	1	Key Code				T_→ '		Object]-[Switch]-[Action]-[Key Code]-	
]	·'						[Key Code typ	ле]	

#### Resettings after conversion



# 6.1.14 [Object] Data Set Switch

## Conversion summary

[Data Set Switch] is converted according to the following.

		GO	T-F900 Se	eries		GT10, GT11, GT15		
			Device		$\rightarrow$	Reflected in [Word Switch]-[Device]-[Device].		
			Data	16 Bit	$\rightarrow$			
			Size	32 Bit	$\rightarrow$	Integrated and reflected in [Word Switch]-[Device]-[Data Type		
		Switch	Data	Signed BIN	$\rightarrow$			
		Action	Туре	Unsigned BIN	$\rightarrow$			
			Set	Fixed	$\rightarrow$	Reflected in [Word Switch]-[Device]-[Setting Value]-[Constant]		
			Value	Indirect		Reflected in [Word Switch]-[Device]-[Setting Value]-[Indirect Device].		
					$\rightarrow$	Reflected in [Word Switch]-[Style].		
			OFF		$\rightarrow$			
				None	$\rightarrow$	Reflected in [Word Switch]-[Style]-[Shape].		
				FGOT_Switch:Basic	$\rightarrow$	Reflected in [Word Switch]-[Style]-[Shape] as @FGOT_Switch:Basic.		
Bi	lasic	Display		FGOT_Switch:Rect1(R)	$\rightarrow$	Reflected in [Word Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1(R).		
Data Set		Style	Shape	FGOT_Switch:Rect1 FGOT_Switch:3DRect1		Reflected in [Word Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1.		
						Reflected in [Word Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect1.		
				FGOT_Switch:3DRect2(R)	$\rightarrow$	Reflected in [Word Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect2(R).		
vitch			Frame		$\rightarrow$	Reflected in [Word Switch]-[Style]-[Shape Attribute].		
			Switch					
		Category	Switch		$\rightarrow$	Reflected in [Word Switch]-[Extended]-[Category].		
			Lamp		$\rightarrow$			
			Others					
			None		$\rightarrow$			
			ON		$\rightarrow$			
			OFF		$\rightarrow$			
			Text		$\rightarrow$			
				1×1	$\rightarrow$	Reflected in [Word Switch]-[Text].		
Te	ext/	Text	Size	2×2	$\rightarrow$			
	amp			4×4	$\rightarrow$			
				Others	$\rightarrow$			
				8 dot font	$\rightarrow$	Reflected in [Word Switch]-[Text]-[Font].		
			Text		$\rightarrow$	Reflected in [Word Switch]-[Text].		
		Lamp	Key		$\rightarrow$	Reflected in [Word Switch]-[Device]-[Lamp].		
		luitin!	Bit	. Value	$\rightarrow$			
Ex	xtended	Initial Value Condition	Conditio Reset Va	on Value /alue		Reflected in [Word Switch]-[Device]-[Initial Value Condition].		

PROJECT DATA COMPATIBILITY TABLE

6

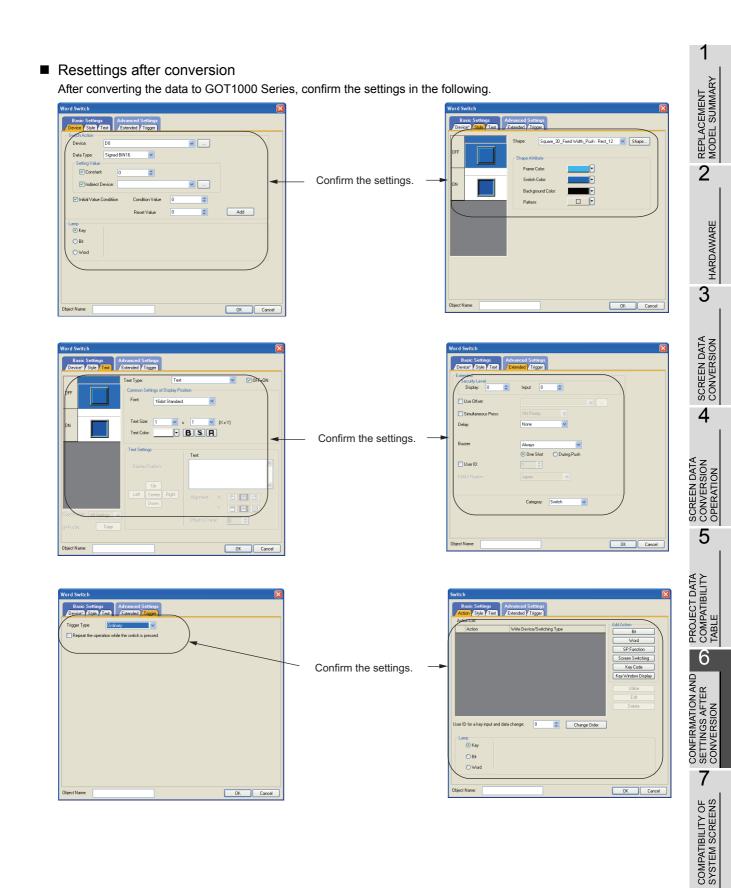
CONFIRMATION AND SETTINGS AFTER CONVERSION

7

**B** COMPATIBILITY OF SYSTEM SCREENS

WRITING PROJECT DATA AND OS TO THE GOT

			GOT-F900 \$	Series				GT10, GT11, GT15	
		Simultaneo	ous Press			$\rightarrow$	Reflected in [W Press].	ord Switch]-[Extended]-[Simultaneous	
		Trigger Type	Ordinary			$\rightarrow$			
	Trigger		ON				Reflected in [W	ord Switch]-[Trigger]-[Trigger Type].	
			OFF			$\rightarrow$			
		Auto Repe	at			$\rightarrow$	Reflected in [Word Switch]-[Trigger]-[Repeat the operation while the switch is pressed].		
			Device			$\rightarrow$	Reflected in [O	bject]-[Switch]-[Action]-[Bit]-[Device].	
				Set		$\rightarrow$	Set		
		Bit	Action	Alternate		$\rightarrow$	Alternate	Reflected in [Object]-[Switch]-	
				Reset		$\rightarrow$	Reset	[Action]-[Bit]-[Action].	
				Momentary		$\rightarrow$	Momentary		
			Device			$\rightarrow$	Reflected in [O [Device].	bject]-[Switch]-[Action]-[Word]-	
			Data Size	16 bit		$\rightarrow$			
			Data 0.20	32 bit		$\rightarrow$	Integrated and reflected in [Object]-[Switch]-[Actio		
			Data Type	Signed BIN			[Word]-[Data Type].		
		Word		Unsigned BIN		$\rightarrow$			
			Set Value	Fixed			Reflected in [Ot Value]-[Constan	bject]-[Switch]-[Action]-[Word]-[Setting nt].	
			Get value	Indirect	Indirect		Reflected in [Ot Value]-[Indirect	oject]-[Switch]-[Action]-[Word]-[Setting Device].	
Data Set			Initial	Condition Value	Condition Value		Reflected in [O	bject]-[Switch]-[Action]-[Word]-[Initial	
Switch			Value Condition	Reset Value		$\rightarrow$	Value Condition].		
		Base	Next	Fixed			Reflected in [Object]-[Switch]-[Action]-[Screen		
	Action		Screen	Previous			Switching]-[Bas	se].	
			Recipe	Direct			Not supported.		
		Recipe	No. Function	Indirect		$\rightarrow$			
				$GOT \rightarrow PLC$		$\rightarrow$			
				PLC → GOT		$\rightarrow$			
				User ID		$\rightarrow$	Reflected in [O key input and d	bject]-[Switch]-[Action]-[User ID for a lata change].	
					DEC 8×4	$\rightarrow$			
					DEC 8×8	$\rightarrow$			
					DEC 16×2	$\rightarrow$	-		
					DEC 16×4	$\rightarrow$			
		Data Change	Switch Action	Keyboard Type	HEX 10×4	$\rightarrow$	Not supported.		
		onungo	/ 101011		HEX 10×8	$\rightarrow$			
					ALPHANUM 16×5	$\rightarrow$			
					ALPHA 16×5	$\rightarrow$	-		
					Х	$\rightarrow$	Reflected in IO	bject]-[Switch]-[Action]-[Key Window	
				Keyboard Location	Y	$\rightarrow$	-	/indow Position].	
		Key Code	ļ	1	Į		Reflected in [O [Code Setting].	bject]-[Switch]-[Action]-[Key Code]-	



WRITING PROJECT DATA AND OS TO THE GOT

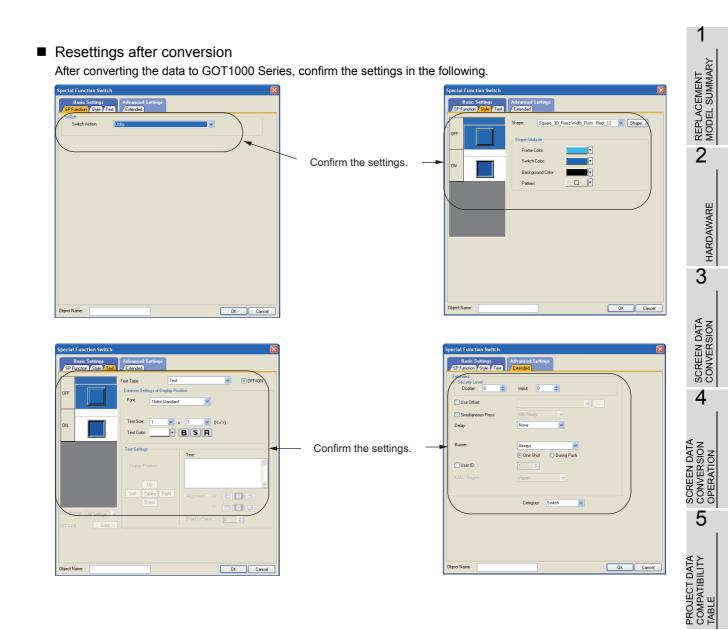
# 6.1.15 [Object] Special Function Switch

## Conversion summary

[Special Function Switch] is converted according to the following.

		GOT-F90	GOT-F900 Series						
			Passwo	rd	$\rightarrow$				
			Change	Brightness	$\rightarrow$	Reflected in [Special Function Switch]-[SP			
		Switch Action	Clock Se	Clock Setting		Function]-[Switch Action] as Utility.			
			List Edit	or	$\rightarrow$				
			ON		$\rightarrow$				
			OFF		$\rightarrow$	Reflected in [Special Function Switch]-[Style].			
				None	$\rightarrow$	Reflected in [Special Function Switch]-[Style]- [Shape].			
				FGOT_Switch:Basic	$\rightarrow$	Reflected in [Special Function Switch]-[Style]- [Shape] as @FGOT_Switch:Basic.			
Bas	Basic	Display Style	Shape	FGOT_Switch:Rect1(R)	$\rightarrow$	Reflected in [Special Function Switch]-[Style]- [Shape] as @FGOT_Switch:Rect1(R).			
	Dusie	Display otyle	onape	FGOT_Switch:Rect1	$\rightarrow$	Reflected in [Special Function Switch]-[Style]- [Shape] as @FGOT_Switch:Rect1.			
				FGOT_Switch:3DRect1	$\rightarrow$	Reflected in [Special Function Switch]-[Style]- [Shape] as @FGOT_Switch:3DRect1.			
				FGOT_Switch:3DRect2(R)	$\rightarrow$	Reflected in [Special Function Switch]-[Style]- [Shape] as @FGOT_Switch:3DRect2(R).			
			Frame	Frame		Reflected in [Special Function Switch]-[Style]-			
Special			Switch		$\rightarrow$	[Shape Attribute].			
Function			Switch		$\rightarrow$				
Switch		Category	Lamp	-		Reflected in [Special Function Switch]-[Extended]-			
			Others			[Category].			
			None						
			ON		$\rightarrow$ $\rightarrow$				
			OFF	OFF					
			Text	1	$\rightarrow$				
				1×1	$\rightarrow$	Reflected in [Special Function Switch]-[Text].			
	Text/	Text	Size	2×2	$\rightarrow$				
	Lamp			4×4	$\rightarrow$				
				Others	$\rightarrow$				
			Use 6×	8 dot font	$\rightarrow$	Reflected in [Special Function Switch]-[Text]-[Font].			
			Text		$\rightarrow$	Reflected in [Special Function Switch]-[Text].			
		Lomp	Key		$\rightarrow$				
		Lamp	Bit		$\rightarrow$				
		Simultaneous Pre	ss	Checked/Not checked	$\rightarrow$				
				Ordinary	$\rightarrow$	Not supported.			
	Trigger	Trigger Type		ON	$\rightarrow$	1			
				OFF	$\rightarrow$	1			
		Auto Repeat		Checked/Not checked	$\rightarrow$	1			

6 - 21



# 6.1.16 [Object] Go to Screen Switch

## Conversion summary

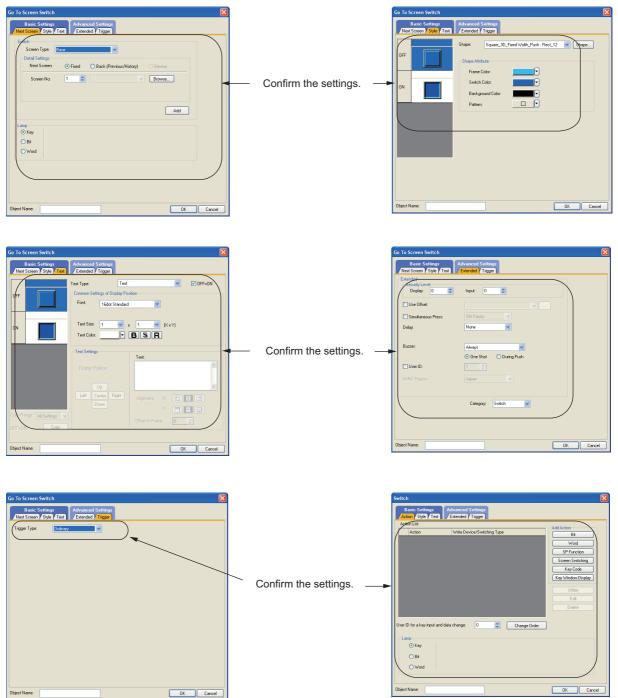
[Go to Screen Switch] is converted according to the following.

		GO.	T-F900 Se	ries		GT10, GT11, GT15
		Go To Screen	Fixed Previous	e	→	Reflected in [Go To Screen Switch]-[Next Screen].
		00.00.1	ON		$\rightarrow$	
			OFF			Reflected in [Go To Screen Switch]-[Style].
				None		Reflected in [Go To Screen Switch]-[Style]-[Shape].
				FGOT_Switch:Basic	$\rightarrow$	Reflected in [Go To Screen Switch]-[Style]-[Shape] as @FGOT_Switch:Basic.
	Display Style Basic	Display		FGOT_Switch:Rect1(R)		Reflected in [Go To Screen Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1(R).
			Shape	FGOT_Switch:Rect1	$\rightarrow$	Reflected in [Go To Screen Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1.
				FGOT_Switch:3DRect1	$\rightarrow$	Reflected in [Go To Screen Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect1.
				FGOT_Switch:3DRect2(R)	$\rightarrow$	Reflected in [Go To Screen Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect2(R).
			Frame		$\rightarrow$	Reflected in [Go To Screen Switch]-[Style]-[Shape Attribute]
Go to Screen Switch			Switch	Switch		
SWILCH			ry Switch Lamp Others		$\rightarrow$	
		Category			$\rightarrow$	Reflected in [Go To Screen Switch]-[Extended]-[Category].
		outegory			$\rightarrow$	
			None		$\rightarrow$	
			ON		$\rightarrow$	
			OFF	OFF		
			Text		$\rightarrow$	
				1×1	$\rightarrow$	Reflected in [Go To Screen Switch]-[Text].
	Text/	Text	Size	2×2	$\rightarrow$	
	Lamp			4×4	$\rightarrow$	
				Others	$\rightarrow$	
			Use 6×	8 dot font	$\rightarrow$	Reflected in [Go To Screen Switch]-[Font].
			Text		$\rightarrow$	Reflected in [Go To Screen Switch]-[Text].
		Lamp	Key	y		Reflected in [Go To Screen Switch]-[Next Screen]-[Lamp].
		Lamp	Bit		$\rightarrow$	

6 - 23

	GOT-F900 Series							GT10, GT11, GT15
		Simultaneo	ous Press			$\rightarrow$	Reflected in [G [Simultaneous	o To Screen Switch]-[Extended]- Press].
			or Ordinary		$\rightarrow$			
	Trigger	Trigger Type				$\rightarrow$	→ Reflected in [Go To Screen Switch]-[Trigger]-	
		туре	OFF			$\rightarrow$	[119901 1390].	
		Auto Repe	at			$\rightarrow$	-	witch]-[Trigger]-[Repeat the witch is pressed].
			Device			$\rightarrow$	Reflected in [O [Device].	bject]-[Switch]-[Action]-[Bit]-
		5.4		Set		$\rightarrow$	Set	
		Bit	Action	Alternate		$\rightarrow$	Alternate	Reflected in [Object]-[Switch]-
			Action	Reset		$\rightarrow$	Reset	[Action]-[Bit]-[Action].
				Momentary		$\rightarrow$	Momentary	
			Device			$\rightarrow$	Reflected in [Object]-[Switch]-[Action]-[Word]- [Device].	
	1		Data Sizo	16 Bit		$\rightarrow$		
	1	Word	Data Size	32 Bit			Integrated and reflected in [Object]-[Switch]-	
	1		Data Type  Set Value	Signed BIN		$\rightarrow$	[Action]-[Word]-[Data Type].	
				Unsigned BIN		$\rightarrow$		
				Fixed		$\rightarrow$	Reflected in [Object]-[Switch]-[Action]-[Word]- [Setting Value]-[Constant].	
So to Screen			Set value	Indirect		$\rightarrow$	-	bject]-[Switch]-[Action]-[Word]- [Indirect Device].
Switch			Initial	Condition Value	Condition Value		Reflected in [O	bject]-[Switch]-[Action]-[Word]-
			Value Condition	Reset Value		$\rightarrow$	[Initial Value Co	
	Action	Recipe	Recipe Recipe $No.$ Direct $Indirect$ Function $GOT \rightarrow PLC$		$\rightarrow$			
						$\rightarrow$	Not supported.	
						$\rightarrow$		
			T unction	on PLC → GOT		$\rightarrow$		
				User ID		$\rightarrow$		bject]-[Switch]-[Action]-[User ID and data change].
	1				DEC 8×4	$\rightarrow$		
	1				DEC 8×8	$\rightarrow$	1	
	1				DEC 16×2	$\rightarrow$		
	1				DEC 16×4	$\rightarrow$		
	1	Data Change	Switch Action	Keyboard Type	HEX 10×4	$\rightarrow$	Not supported.	
	1	change	ACION		HEX 10×8	$\rightarrow$		
					ALPHANUM 16×5	→		
	1				ALPHA 16×5	$\rightarrow$		
	1				X	$\rightarrow$	Dofloated in 10	hight] [Switch] [Action] [Kas
	1			Keyboard Location	Y	$\rightarrow$	-	bject]-[Switch]-[Action]-[Key y]-[Key Window Position].
		Key Code	<u> </u>	1	<u> </u> .	$\rightarrow$	-	bject]-[Switch]-[Action]-[Key

#### Resettings after conversion



# 6.1.17 [Object] Data Change Switch

## Conversion summary

[Data Change Switch] is converted according to the following.

		GO	T-F900 Series			GT10, GT11, GT15	
			User ID		$\rightarrow$	Reflected in [Key Window Display Switch]-[Key Input]-[User ID for a key input].	
		Switch	Keyboard Type X		$\rightarrow$	Not supported.	
		Action			$\rightarrow$	Reflected in [Key Window Display Switch]-[Key Input]-[Key	
			Y	Y		Window Position].	
			ON		$\rightarrow$	Definite dia 11/201 Mindau Diantan Cuitabi 106 dai	
			OFF		$\rightarrow$	Reflected in [Key Window Display Switch]-[Style].	
				None	$\rightarrow$	Reflected in [Key Window Display Switch]-[Style]-[Shape].	
				FGOT_Switch:Basic	$\rightarrow$	Reflected in [Key Window Display Switch]-[Style]-[Shape] as @FGOT_Switch:Basic.	
Basic	Desis	Diaplay		$ FGOT_SWITCH: RectT(R)  \rightarrow as @FGOT_SWITCH: $		Reflected in [Key Window Display Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1(R).	
	Basic	Display Style	Shape	FGOT_Switch:Rect1	$\rightarrow$	Reflected in [Key Window Display Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1.	
				FGOT_Switch:3DRect1	$\rightarrow$	Reflected in [Key Window Display Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect1.	
			FGOT_Switch:3DRect2(R)	$\rightarrow$	Reflected in [Key Window Display Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect2(R).		
			Frame		$\rightarrow$	Reflected in [Key Window Display Switch]-[Style]-[Shape	
			Switch		$\rightarrow$	Attribute].	
Data		Category	Switch		$\rightarrow$		
Change			Lamp Others		$\rightarrow$	Reflected in [Key Window Display Switch]-[Extended]-	
Switch					$\rightarrow$	[Category].	
			None		$\rightarrow$		
			ON		$\rightarrow$		
			OFF				
			Size	1	$\rightarrow$		
		Text		1×1	$\rightarrow$	Reflected in [Key Window Display Switch]-[Text].	
	Text/			2×2	$\rightarrow$		
	Lamp			4×4	$\rightarrow$		
				Others	$\rightarrow$		
			Use 6×8 dot	font	$\rightarrow$	Reflected in [Key Window Display Switch]-[Text]-[Font].	
			Text		$\rightarrow$	Reflected in [Key Window Display Switch]-[Text].	
		Lamp	Key		$\rightarrow$	Reflected in [Key Window Display Switch]-[Key Input]-	
			Bit		$\rightarrow$	[Lamp].	
		Simultaneo	ous Press		$\rightarrow$	Reflected in [Key Window Display Switch]-[Extended]- [Simultaneous Press].	
		Trigger	Ordinary		$\rightarrow$	Reflected in [Key Window Display Switch]-[Trigger]-	
	Trigger	Туре	ON		$\rightarrow$	[Trigger Type].	
			OFF		$\rightarrow$		
		Auto Repe	at		$\rightarrow$	Reflected in [Key Window Display Switch]-[Trigger]- [Repeat the operation while the switch is pressed].	

3

SCREEN DATA CONVERSION

4

SCREEN DATA CONVERSION OPERATION

5

PROJECT DATA COMPATIBILITY TABLE

6

CONFIRMATION AND SETTINGS AFTER CONVERSION

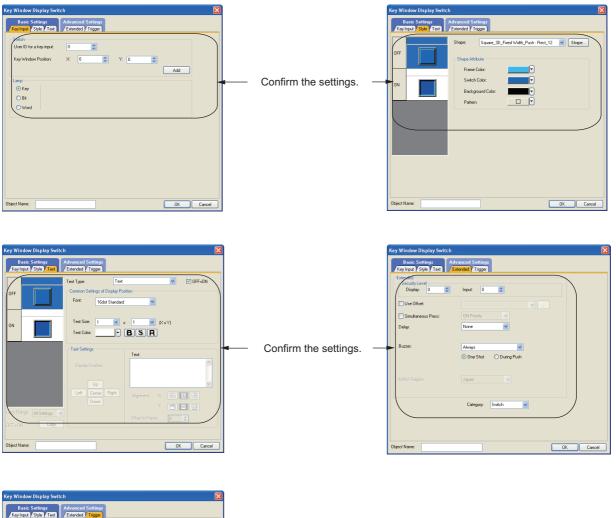
7

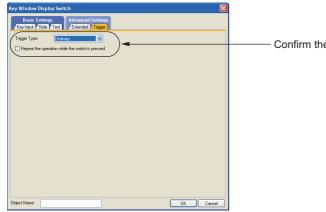
COMPATIBILITY OF SYSTEM SCREENS

8

#### Confirmation after conversion

After converting the data to GOT1000 Series, confirm the settings in the following.



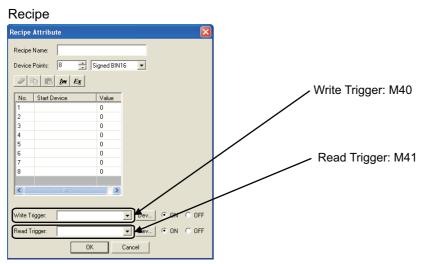


Confirm the settings.

## 6.1.18 [Object] Recipe Transfer Switch

- Alternative method summary
  - The recipe transfer switch is deleted when converting to GOT1000 Series. Create bit switches linked to the recipe transfer trigger device (write, read) for each recipe name. Configure the same operating conditions to the aforementioned bit switches if the operating conditions are for the GOT-F900 Series.
  - (2) The settings of the read trigger device will be unavailable. After converting to GOT1000 Series, select the read trigger device.
- GT Designer2 Classic setting screen
   The following shows the recipe setting screen of GOT-F900 Series.

(Ex.) Write Trigger Device: M40; Read Trigger Device: M41





#### Resettings after conversion

(1) Reestablish the bit switch configuring the write trigger device.

(Ex.) Bit switch configuring the write trigger device to M40

Concert Style Track Lended / Track     Concert M40     Co
---

(Design screen example)



Set the device to M40.

(2) Reestablish the bit switch configuring the read trigger device.

(Ex.) Bit switch configuring the read trigger device to M41

	(Setting screen) Bit switch
Set the device to M41.	Bit Switch

(Design screen example)



# 6.1.19 [Object] Key Code Switch

## Conversion summary

[Key Code Switch] is converted according to the following.

		GOT-F90	00 Series			GT10, GT11, GT15		
		Key Code			$\rightarrow$	Reflected in [Key Code Switch]-[Key Code]-[Code Set].		
			ON		$\rightarrow$	Reflected in [Key Code Switch]-[Style].		
			OFF		$\rightarrow$			
				None	$\rightarrow$	Reflected in [Key Code Switch]-[Style]-[Shape].		
				FGOT_Switch: Basic	$\rightarrow$	Reflected in [Key Code Switch]-[Style]-[Shape] as @FGOT_Switch:Basic.		
		Display Style		FGOT_Switch: Rect1(R)	$\rightarrow$	Reflected in [Key Code Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1(R).		
	Basic	-	Shape	FGOT_Switch: Rect1	$\rightarrow$	Reflected in [Key Code Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1.		
				FGOT_Switch: 3DRect1	$\rightarrow$	Reflected in [Key Code Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect1.		
				FGOT_Switch: 3DRect2(R)	$\rightarrow$	Reflected in [Key Code Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect2(R).		
		Category	Switch		$\rightarrow$			
			Lamp		$\rightarrow$	Reflected in [Key Code Switch]-[Extended]-[Category].		
		outegory	Others		$\rightarrow$			
Key Code			None		$\rightarrow$			
Switch		Text	ON					
			OFF		$\rightarrow$			
			Text		$\rightarrow$			
			Size	1×1	$\rightarrow$	Reflected in [Key Code Switch]-[Text].		
	Text/			2×2	$\rightarrow$			
	Lamp			4×4	$\rightarrow$			
				Others	$\rightarrow$			
			Use 6×8 dot for	it	$\rightarrow$	Reflected in [Key Code Switch]-[Text]-[Font].		
			Text		$\rightarrow$	Reflected in [Key Code Switch]-[Text].		
		Lamp	Key		$\rightarrow$	Not supported.		
			Bit		$\rightarrow$			
		Simultaneo	1		$\rightarrow$	Reflected in [Key Code Switch]-[Extended]-[Simultaneous Press].		
		Trigger	Ordinary		$\rightarrow$			
	Trigger	Туре	ON		$\rightarrow$	Reflected in [Key Code Switch]-[Trigger]-[Trigger Type].		
		Auto Repe	OFF		$\rightarrow$ $\rightarrow$	Reflected in [Key Code Switch]-[Trigger]-[Repeat the operation while		
		, lato r topo				the switch is pressed].		

3

1

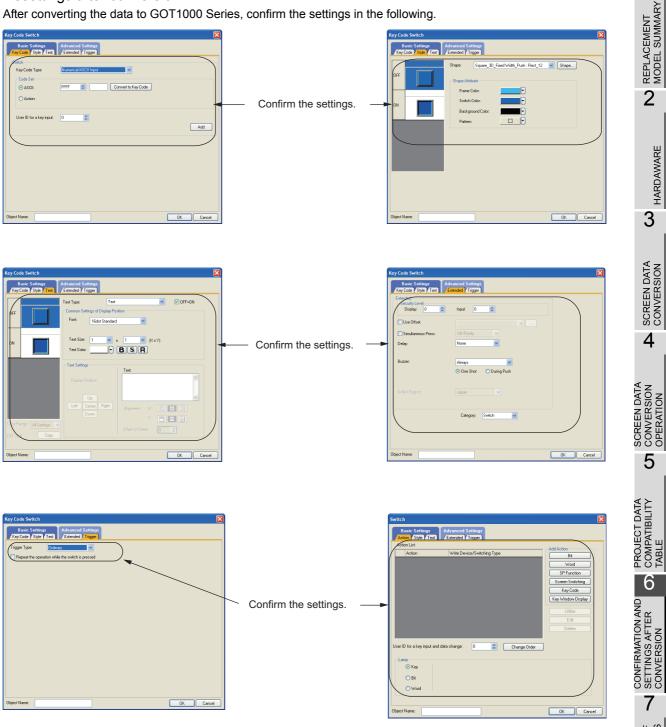
5

CONFIRMATION AND PROJECT DATA SETTINGS AFTER OD COMPATIBILITY CONVERSION TABLE

		(	GOT-F900 Se	eries				GT10, GT11, GT15	
			Device			$\rightarrow$	Reflected in [C [Device].	bject]-[Switch]-[Action]-[Bit]-	
				Set		$\rightarrow$	Set		
		Bit	Action	Alternate		$\rightarrow$	Alternate	Reflected in [Object]-[Switch]-	
				Reset		$\rightarrow$	Reset	[Action]-[Bit]-[Action].	
				Momentary		$\rightarrow$	Momentary		
			Device	I		->	Reflected in [Object]-[Switch]-[Action]- [Word]-[Device].		
			Data Size	16 Bit		$\rightarrow$			
			Data Size	32 Bit		$\rightarrow$	Integrated and	reflected in [Object]-[Switch]-	
			Data Type	Signed BIN		$\rightarrow$	[Action]-[Word]	]-[Data Type].	
		Word	Data Type	Unsigned BIN			1		
		word	Set Value	Fixed		$\rightarrow$	Reflected in [Object]-[Switch]-[Action]-[Word]- [Setting Value]-[Constant].		
				Indirect			-	bject]-[Switch]-[Action]-[Word]- -[Indirect Device].	
			Initial	Condition Value			Reflected in [C	bject]-[Switch]-[Action]-[Word]-	
			Value Condition	Reset Value			[Initial Value Co		
Key Code Switch	Action	Base	Next	Fixed		$\rightarrow$	Reflected in [C	bject]-[Switch]-[Action]-	
Owner		Dase	Screen	Previous	Previous			ning]-[Base].	
		Recipe	Recipe	Direct					
			No. Function	Indirect			Not supported.		
				$GOT \rightarrow PLC$					
				PLC → GOT					
				User ID		$\rightarrow$	-	bject]-[Switch]-[Action]- key input and data change].	
					DEC 8×4	$\rightarrow$			
					DEC 8×8	$\rightarrow$			
					DEC 16×2	$\rightarrow$			
		Data	Switch		DEC 16×4	$\rightarrow$			
		Data Change	Switch Action	Keyboard Type	HEX 10×4	$\rightarrow$	Not supported.		
		Change			HEX 10×8	$\rightarrow$			
					ALPHANUM	$\rightarrow$			
					16×5				
					ALPHA 16×5	$\rightarrow$			
				Keyboard Location	X	$\rightarrow$	-	bject]-[Switch]-[Action]-	
					Y	$\rightarrow$		Display]-[Key Window Position].	

#### Resettings after conversion

After converting the data to GOT1000 Series, confirm the settings in the following.



# 6.1.20 [Object] Multi Action Switch

## Conversion summary

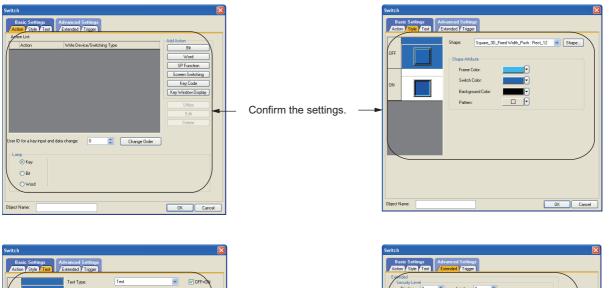
[Multi Action Switch] is converted according to the following.

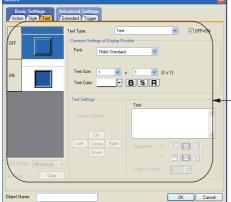
			GOT-F900 S	Series				GT10, GT11, GT15	
			Device			$\rightarrow$	Reflected in [C	bject]-[Switch]-[Action]-[Bit]-[Device	
				Set		$\rightarrow$	Set		
		Bit		Alternate		$\rightarrow$	Alternate	Reflected in [Object]-[Switch]-	
			Action	Reset		$\rightarrow$	Reset	[Action]-[Bit]-[Action].	
				Momentary		$\rightarrow$	Momentary	-	
			Device				Reflected in [Object]-[Switch]-[Action]-[Word]- [Device].		
				16 Bit		$\rightarrow$	Integrated and reflected in [Object]-[Switch]-		
			Data Size	32 Bit		$\rightarrow$			
			Data	Signed BIN	igned BIN			]-[Data Type].	
			Туре	Unsigned BIN		$\rightarrow$			
		Word	O at Makes	Fixed		$\rightarrow$	Reflected in [C [Setting Value]	bject]-[Switch]-[Action]-[Word]- -[Constant].	
			Set Value	Indirect			Reflected in [Object]-[Switch]-[Action]-[Word]- [Setting Value]-[Indirect Device].		
			Initial	Condition Value			Reflected in [C	Dbject]-[Switch]-[Action]-[Word]-	
			Value Condition	Reset Value			[Initial Value C		
		Base	Next	Fixed		$\rightarrow$	Reflected in [C	bject]-[Switch]-[Action]-	
Julti Action	Basic	Dase	Screen	Previous		$\rightarrow$	[Screen Type]-	[Base].	
Switch			Recipe	Direct		$\rightarrow$			
		Recipe	No.	Indirect		$\rightarrow$	Not supported.		
			Function	$GOT \rightarrow PLC$					
			Tunction	$PLC \rightarrow GOT$					
				User ID			-	bject]-[Switch]-[Action]- key input and data change].	
					DEC 8×4	$\rightarrow$			
					DEC 8×8	$\rightarrow$			
					DEC 16×2	$\rightarrow$			
					DEC 16×4	$\rightarrow$			
		Data Change	Switch Action	Keyboard Type	HEX 10×4	$\rightarrow$	Not supported.		
		onunge	Action		HEX 10×8	$\rightarrow$			
					ALPHANUM	→	1		
					16×5				
					ALPHA 16×5	$\rightarrow$			
				Keyboard Location			-	bject]-[Switch]-[Action]-	
					Υ	$\rightarrow$		Display]-[Key Window Position].	
		Key Code				$\rightarrow$	Reflected in [C [Code Setting]	Dbject]-[Switch]-[Action]-[Key Code]	

		GOT-	F900 Ser	ies		GT10, GT11, GT15	
			ON		$\rightarrow$	Reflected in [Object]-[Switch]-[Style].	-
			OFF		$\rightarrow$		ENT
				None	$\rightarrow$	Reflected in [Object]-[Switch]-[Style]-[Shape].	EME
				FGOT_Switch:Basic	$\rightarrow$	Reflected in [Object]-[Switch]-[Style]-[Shape] as @FGOT_Switch:Basic.	REPLACEMENT
		Display		FGOT_Switch:Rect1(R)	$\rightarrow$	Reflected in [Object]-[Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1(R).	2
		Style	Shape	FGOT_Switch:Rect1	$\rightarrow$	Reflected in [Object]-[Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1.	-
	Basic			FGOT_Switch:3DRect1		Reflected in [Object]-[Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect1.	-
				FGOT_Switch:3DRect2(R)	$\rightarrow$	Reflected in [Object]-[Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect2(R).	-
			Frame		$\rightarrow$	Poflected in [Object] [Switch] [Style] [Shape Attribute]	-
			Switch			Reflected in [Object]-[Switch]-[Style]-[Shape Attribute].	
			Switch				_
		Category	Lamp			Reflected in [Object]-[Switch]-[Extended]-[Category].	
		Outegory	Others				
Iulti Action			None		$\rightarrow$		
Switch		Text	ON				
			OFF				4
			Text		$\rightarrow$		-
				1×1		Reflected in [Object]-[Switch]-[Text].	
			Size	2×2			Z Z
	Text/ Lamp		Size	4×4	$\rightarrow$		
	Lamp			Others	$\rightarrow$		
			Use 6×	8 dot font	$\rightarrow$	Reflected in [Object]-[Switch]-[Text]-[Font].	SCREEN DATA
			Text		$\rightarrow$	Reflected in [Object]-[Switch]-[Text].	
			Key		$\rightarrow$		- `
		Lamp	Bit		$\rightarrow$	Not supported.	
		Simultaneo	ous Press		$\rightarrow$	Reflected in [Object]-[Switch]-[Extended]-[Simultaneous Press].	PROJECT DATA
			Ordinar	у	$\rightarrow$		
	Trigger	Trigger Type	ON		$\rightarrow$	Reflected in [Object]-[Switch]-[Trigger]-[Trigger Type].	RO
		1,000	OFF		$\rightarrow$	1	
		Auto Repe	at			Reflected in [Object]-[Switch]-[Trigger]-[Repeat the operation while the switch is pressed].	

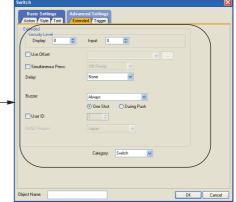
#### Resetting after conversion

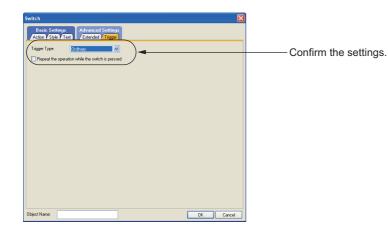
After converting the data to GOT1000 Series, confirm the settings in the following.





Confirm the settings. -





# 6.1.21 [Object] Bit lamp Area

#### Alternative method summary

When using a Bit lamp Area with a color display setting when the bit device is ON or OFF, set the Bit Lamp again. (The display color cannot be changed for only a part of a display objects.)

#### Setting screen

Set in the following.

Bi	t Lamp Basic Settings Device/Style Text	Advanced Setting	s			X		
	Device:	Shape Shape Frai Lan	e Attribute ne Color: p Color: kground Color: em:	idh : Circle_6		Shape	4	Set again.
0	oject Name:				OK	Cancel		

## 6.1.22 [Object] Screen lamp

Alternative method summary

Create the same window screen as the one displayed overlapped in the Screen lamp function, and display it in a layer as an overlap window.

At this time, create a program sequence to switch the overlap window depending on the bit device status in the PLC.

## 6.1.23 [Object] External lamp

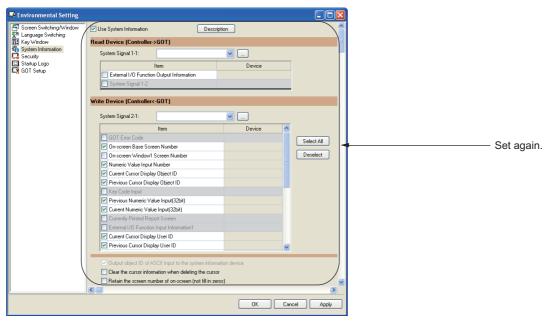
#### Alternative method summary

The External lamp can be controlled by the ON/OFF status of the lower 6 bits (b0 to b5) of a device set in the System Information (Read Device +1).

At this time, create a program sequence to control the ON/OFF status for each bit in the PLC.

#### Setting screen

Set in the following.



# 6.1.24 [Object] Numerical Display

## Conversion summary

[Numerical Display] is converted according to the following.

		GOT-F	900 Series			GT10, GT11, GT15	
		Turne	Numerical	Display	$\rightarrow$	Deflected in Numerical Display! [Device (0t de) [Time]	
		Туре	Numerical	Input	$\rightarrow$	Reflected in [Numerical Display]-[Device/Style]-[Type].	
			Device		$\rightarrow$	Reflected in [Numerical Display]-[Device/Style]-[Device].	
		Device	Data	16 Bit	$\rightarrow$	Reflected in [Numerical Display] [Davias/(Style] [Date Type]	
			Size	32 Bit	$\rightarrow$	Reflected in [Numerical Display]-[Device/Style]-[Data Type].	
				Signed Decimal	$\rightarrow$		
				Unsigned Decimal	$\rightarrow$		
			Format	Hexadecimal	$\rightarrow$	Reflected in [Numerical Display]-[Device/Style]-[Display Format].	
			1 onnat	Octal	$\rightarrow$		
				Binary	$\rightarrow$		
				Real	$\rightarrow$		
			Color		$\rightarrow$	Reflected in [Numerical Display]-[Device/Style]-[Numerical Color].	
			Digits		$\rightarrow$	Reflected in [Numerical Display]-[Device/Style]-[Digits].	
			Decimal point		$\rightarrow$	Reflected in [Numerical Display]-[Device/Style]-[Decimal Point].	
				1×1	$\rightarrow$		
			Size	2×2	$\rightarrow$	Reflected in [Numerical Display]-[Device/Style]-[Numerical Size].	
		sic	5120	4×4	$\rightarrow$	ייטויטינט זוי נישוויטיטט שטאמארעשיוטיאפרושעוופווטט טובפן.	
	Basic			Others	$\rightarrow$		
			Format Str	ing	$\rightarrow$	Reflected in [Numerical Display]-[Device/Style]-[Format String].	
		View	Use 6×8 dot font			Poflocted in Numerical Display! [Davise/Style] [Cant]	
Num		Format	Use High Quality font			Reflected in [Numerical Display]-[Device/Style]-[Font].	
erical				FGOT_Frame:Basic	$\rightarrow$	Reflected in [Numerical Display]-[Device/Style]-[Shape] as	
Input			Frame Format	Rect		FGOT_Frame:Basic Rect.	
				FGOT_Frame:3D Rect 1	$\rightarrow$	Reflected in [Numerical Display]-[Device/Style]-[Shape] as FGOT_Frame:3D Rect 1.	
				FGOT_Frame:3D		Reflected in [Numerical Display]-[Device/Style]-[Shape] as	
				Rect 2	-	FGOT_Frame:3D Rect 2.	
				None	$\rightarrow$	Reflected in [Numerical Display]-[Device/Style]-[Shape].	
				Frame		Reflected in [Numerical Display]-[Device/Style]-[Frame Color].	
				Plate		Reflected in [Numerical Display]-[Device/Style]-[Plate Color].	
				Bg Transparent		Not supported.	
				Switch	$\rightarrow$		
			Category	Lamp	$\rightarrow$	Reflected in [Numerical Display]-[Extended]-[Category].	
				Others	$\rightarrow$		
				None	$\rightarrow$		
		Data Type	Signed BI		$\rightarrow$	Reflected in [Numerical Display]-[Device/Style]-[Data Type].	
			Unsigned	BIN	$\rightarrow$		
			Left		$\rightarrow$		
	Extend	Alignment	Center		$\rightarrow$	Reflected in [Numerical Display]-[Device/Style]-[Alignment].	
	ed		Right		$\rightarrow$		
		Fill with Zer	os		$\rightarrow$	Reflected in [Numerical Display]-[Device/Style]-[Fill with 0].	
		Gain1			$\rightarrow$	Reflected in [Numerical Display]-[Operation]-[Operation Type]-[Data	
		Gain2			$\rightarrow$	Operation].	
		Offset			$\rightarrow$		

5

PROJECT DATA COMPATIBILITY TABLE

6

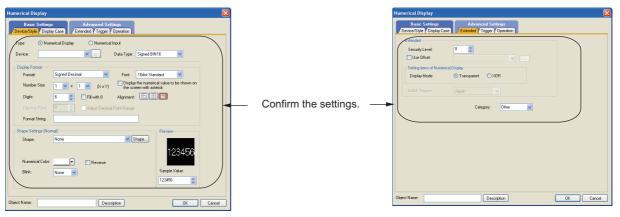
1

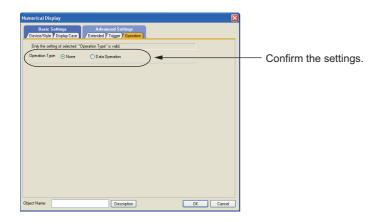
**C** REPLACEMENT MODEL SUMMARY

COMPATIBILITY OF SYSTEM SCREENS

#### Resetting after conversion

After converting the data to GOT1000 Series, confirm the settings in the following.





6 - 39

# 6.1.25 [Object] Numerical Input

## Conversion summary

[Numerical Input] is converted according to the following.

		GOT-F900	Series			GT10, GT11, GT15	
		Tuna	Numerica	al Display	$\rightarrow$	Poflected in [Numerical Input] [Device/Ot de] [Time]	
		Туре	Numerica	al Input	$\rightarrow$	Reflected in [Numerical Input]-[Device/Style]-[Type].	
			Device		$\rightarrow$	Reflected in [Numerical Input]-[Device/Style]-[Device].	
		Device	Data	16 Bit	$\rightarrow$	Peflected in [Numerical Input]] [Device/Style] [Date Type]	
			size	32 Bit	$\rightarrow$	Reflected in [Numerical Input]]-[Device/Style]-[Data Type].	
				Signed Decimal	$\rightarrow$		
				Unsigned Decimal	$\rightarrow$		
			Format	Hexadecimal	$\rightarrow$	Reflected in [Numerical Input]-[Device/Style]-[Display Format].	
			Format	Octal	$\rightarrow$	Reflected in [Numerical input]-[Device/Style]-[Display Pormat].	
				Binary	$\rightarrow$		
				Real	$\rightarrow$		
			Color		$\rightarrow$	Reflected in [Numerical Input]-[Device/Style]-[Numerical Color].	
		View	Digits		$\rightarrow$	Reflected in [Numerical Input]-[Device/Style]-[Digits].	
		Format	Decimal point			Reflected in [Numerical Input]-[Device/Style]-[Decimal Point].	
Numerical			Size	1×1	$\rightarrow$		
				2×2	$\rightarrow$	Reflected in [Numerical Input]-[Device/Style]-[Number Size].	
	Basic			4×4	$\rightarrow$	Reflected in [Numerical input]-[Device/Style]-[Number Size].	
nput				Others	$\rightarrow$		
			Format String		$\rightarrow$	Reflected in [Numerical Input]-[Device/Style]-[Format String].	
			Use 6×8 dot font		$\rightarrow$	Deflected in Numerical Invest [Device/Otyle] [Cent]	
			Use High Quality font		$\rightarrow$	Reflected in [Numerical Input]-[Device/Style]-[Font].	
			FGOT_Frame:Basic Rect		$\rightarrow$	Reflected in [Numerical Input]-[Device/Style]-[Shape] as FGOT_Frame:Basic Rect.	
			FGOT_F	rame:3D Rect 1	$\rightarrow$	Reflected in [Numerical Input]-[Device/Style]-[Shape] as FGOT_Frame:3D Rect 1.	
		Frame Format	FGOT_F	rame:3D Rect 2	$\rightarrow$	Reflected in [Numerical Input]-[Device/Style]-[Shape] as FGOT_Frame:3D Rect 2.	
			None		$\rightarrow$	Reflected in [Numerical Input]-[Device/Style]-[Shape].	
			Frame			Reflected in [Numerical Input]-[Device/Style]-[Frame Color].	
			Plate		1	Reflected in [Numerical Input]-[Device/Style]-[Plate Color].	
			Bg Trans	parent	1	Not supported.	
			Switch		$\rightarrow$		
		Catagory	Lamp		$\rightarrow$	Peflected in Numerical Input] [Extended] [Category]	
		Category	Others		$\rightarrow$	Reflected in [Numerical Input]-[Extended]-[Category].	
			None		$\rightarrow$	1	

5

PROJECT DATA COMPATIBILITY TABLE

6

CONFIRMATION AND SETTINGS AFTER CONVERSION

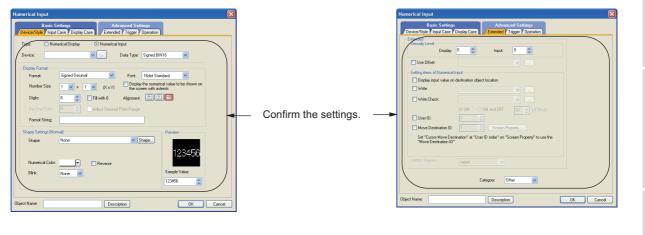
1

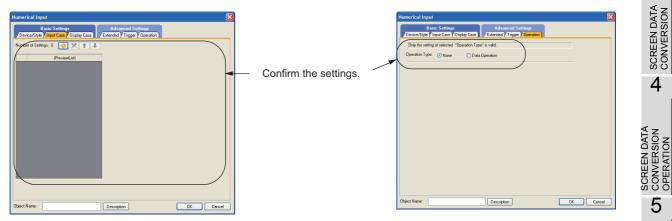
6 - 40

		GOT-F900 \$	Series			GT10, GT11, GT15		
		Data	Signed B	IN	$\rightarrow$	Reflected in [Numerical Input]-[Device/Style]-[Data Type].		
		Туре	Unsigned BIN		$\rightarrow$			
			Left		$\rightarrow$			
		Alignment	Center		$\rightarrow$	Reflected in [Numerical Input]-[Device/Style]-[Alignment].		
			Right		$\rightarrow$			
		Fill with Zeros			$\rightarrow$	Reflected in [Numerical Input]-[Device/Style]-[Fill with 0].		
		Upper	Fixed		$\rightarrow$			
	Extended	Opper	Device		$\rightarrow$	Reflected in [Numerical Input]-[Input Case].		
Numerical		Lower	Fixed		$\rightarrow$			
Numerical Input		Lower	Device		$\rightarrow$			
<b>P</b> · · ·		Gain1			$\rightarrow$	Reflected in [Numerical Input]-[Operation]-[Operation Type]-[Data Operation].		
		Gain2	Gain2					
		Offset			$\rightarrow$			
		User ID			$\rightarrow$	Reflected in [Numerical Input]-[Extended]-[User ID].		
		Move Desti	nation ID		$\rightarrow$	Reflected in [Numerical Input]-[Extended]-[Move Destination ID].		
				Ordinary	$\rightarrow$			
	Trigger	Trigger Typ	е	ON	$\rightarrow$	Reflected in [Numerical Input]-[Trigger]-[Trigger Type].		
	1119961			OFF	$\rightarrow$			
		Trigger Dev	vice		$\rightarrow$	Reflected in [Numerical Input]-[Trigger]-[Trigger Device].		

#### Resetting after conversion

After converting the data to GOT1000 Series, confirm the settings in the following.





Numerical Input		×	
Basic Set		• 	Confi
Object Name:	Description	OK Cancel	

rm the settings.

1

REPLACEMENT MODEL SUMMARY

2

HARDAWARE

3

SCREEN DATA CONVERSION

4

5

PROJECT DATA COMPATIBILITY TABLE

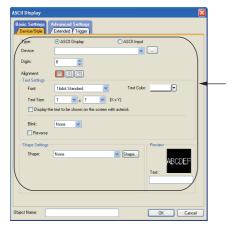
# 6.1.26 [Object] Ascii Display

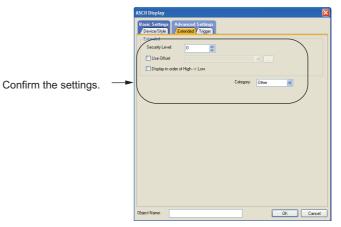
## Conversion summary

[Ascii Display] is converted according to the following.

		GOT-F90	0 Series	3		GT10, GT11, GT15
		Туре	Ascii D	lisplay	$\rightarrow$	Reflected in [Ascii Display]-[Device/Style]-[Type].
		1,900	Ascii Ir	nput	$\rightarrow$	
		Device			$\rightarrow$	Reflected in [Ascii Display]-[Device/Style]-[Device].
				1×1	$\rightarrow$	
			Size	2×2	$\rightarrow$	Reflected in Manii Displayi (Davise/Style) (Text Size)
			Size	4×4	$\rightarrow$	Reflected in [Ascii Display]-[Device/Style]-[Text Size].
				Others	$\rightarrow$	
		View	Digits		$\rightarrow$	Reflected in [Ascii Display]-[Device/Style]-[Digits].
		Format	Color		$\rightarrow$	Reflected in [Ascii Display]-[Device/Style]-[Text Color].
				Left	$\rightarrow$	
			Align ment	Center	$\rightarrow$	Reflected in [Ascii Display]-[Device/Style]-[Alignment].
				Right	$\rightarrow$	
Ascii	Desis		Use 6	×8 dot font	$\rightarrow$	Reflected in [Ascii Display]-[Device/Style]-[Font].
Display	Basic		FGOT_Frame:Basic Rect		$\rightarrow$	Reflected in [Ascii Display]-[Device/Style]-[Shape] as @FGOT_Frame:Basic Rect.
			FGOT_Frame:3D Rect 1		$\rightarrow$	Reflected in [Ascii Display]-[Device/Style]-[Shape] as @FGOT_Frame:3D Rect 1.
		Frame Format	FGOT_Frame:3D Rect 2		$\rightarrow$	Reflected in [Ascii Display]-[Device/Style]-[Shape] as @FGOT_Frame:3D Rect 2.
			None		$\rightarrow$	Reflected in [Ascii Display]-[Device/Style]-[Shape].
			Frame		$\rightarrow$	Reflected in [Ascii Display]-[Device/Style]-[Frame Color].
			Plate		$\rightarrow$	Reflected in [Ascii Display]-[Device/Style]-[Plate Color].
			Bg Tra	nsparent	$\rightarrow$	Not supported.(Fixed to Bg Transparent.)
			Switch		$\rightarrow$	
		Category	Lamp		$\rightarrow$	Reflected in [Ascii Display]-[Extended]-[Category].
		Calegory	Others		$\rightarrow$	Themeolog in [moon Display]-[LAtended]-[Oategory].
			None		$\rightarrow$	

## Confirmation after conversion





# 6.1.27 [Object] Ascii Input

## Conversion summary

[Ascii Input] is converted according to the following.

		GOT-F9	000 Series			GT10, GT11, GT15		
		Туре	Ascii Dis Ascii Inp		$\rightarrow$	Reflected in [Ascii Input]-[Device/Style]-[Type].		
		Device	7.501 110		, →	Reflected in [Ascii Input]-[Device/Style]-[Device].		
		Device	1×1		, 			
				2×2	$\rightarrow$			
			Size	4×4	-	Reflected in [Ascii Input]-[Device/Style]-[Text Size].		
				4×4 Others	$\rightarrow$ $\rightarrow$			
		Miour	Digits	Others	$\rightarrow$	Reflected in [Ascii Input]-[Device/Style]-[Digits].		
		View Format	-					
		1 onnac	Color		$\rightarrow$	Reflected in [Ascii Input]-[Device/Style]-[Text Color].		
			Alignm	Left	$\rightarrow$			
			ent	Center	$\rightarrow$	Reflected in [Ascii Input]-[Device/Style]-[Alignment].		
	Basic			Right	$\rightarrow$			
	Dasie		Use 6×8	3 dot font	$\rightarrow$	Reflected in [Ascii Input]-[Device/Style]-[Font].		
			FGOT_Frame:Basic Rect		$\rightarrow$	Reflected in [Ascii Input]-[Device/Style]-[Shape] as @FGOT_Frame:Basic Rect.		
Ascii			FGOT_F	FGOT_Frame:3D Rect 1		Reflected in [Ascii Input]-[Device/Style]-[Shape] as @FGOT_Frame:3D Rect 1.		
nput			FGOT_F	rame:3D Rect 2	$\rightarrow$	Reflected in [Ascii Input]-[Device/Style]-[Shape] as @FGOT_Frame:3D Rect 2.		
		Shape	None		$\rightarrow$	Reflected in [Ascii Input]-[Device/Style]-[Shape].		
			Frame			Reflected in [Ascii Input]-[Device/Style]-[Frame Color].		
			Plate		$\rightarrow$	Reflected in [Ascii Input]-[Device/Style]-[Plate Color].		
			Bg Transparent		$\rightarrow$	Not supported.(Fixed to Bg Transparent.)		
			Switch		$\rightarrow$			
		0.1	Lamp		$\rightarrow$			
		Category	Others		$\rightarrow$	Reflected in [Ascii Input]-[Extended]-[Category].		
			None		$\rightarrow$			
				Ordinary	$\rightarrow$			
		Trigger	Туре	ON	$\rightarrow$	Reflected in [Ascii Input]-[Trigger]-[Trigger Type].		
	Othora	Trigger		OFF	$\rightarrow$			
	Others		Device		$\rightarrow$	Reflected in [Ascii Input]-[Trigger]-[Trigger Device].		
		User ID	•		$\rightarrow$	Reflected in [Ascii Input]-[Extended]-[User ID].		
		Move Des	tination ID		$\rightarrow$	Reflected in [Ascii Input]-[Extended]-[Move Destination ID].		

# SCREEN DATA CONVERSION CONVERSION

1

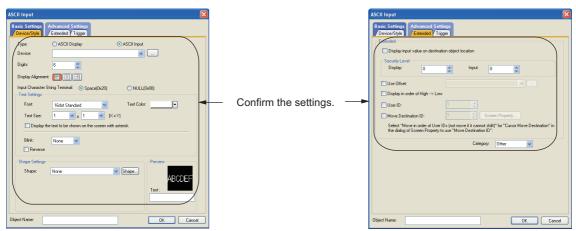
**C** REPLACEMENT MODEL SUMMARY

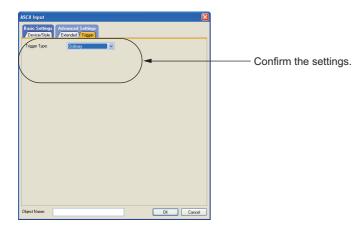
C CONVERSION OPERATION

4

CONFIRMATION AND SETTINGS AFTER CONVERSION TABLE

#### Confirmation after conversion





# 6.1.28 [Object] Date Display

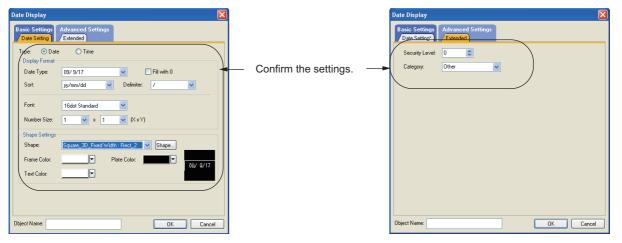
#### Conversion summary

[Date Display] is converted according to the following.

		GOT-F90	0 Series			GT10, GT11, GT15
		Туре	Date		$\rightarrow$	Reflected in [Date Display]-[Date Settings]-[Type].
		туре	Time	Time		Reliected in [Date Display]-[Date Settings]-[Type].
			Date Fo	ormat	$\rightarrow$	Reflected in [Date Display]-[Date Settings]-[Date Type].
				1×1	$\rightarrow$	
		\ <i>(</i>	Size	2×2	$\rightarrow$	Reflected in [Date Display]-[Date Settings]-[Number Size].
		View Format	0126	4×4	$\rightarrow$	Trenecied in [Date Display]-[Date Settings]-[Number Size].
				Others	$\rightarrow$	
			Color		$\rightarrow$	Reflected in [Date Display]-[Date Settings]-[Text Color].
			Use 6>	<8 dot Font	$\rightarrow$	Reflected in [Date Display]-[Date Settings]-[Font].
Date	Basic		FGOT_	FGOT_Frame:Basic Rect		Reflected in [Date Display]-[Date Settings]-[Shape] as @FGOT_Frame:Basic Rect.
Display			FGOT_Frame:3D Rect 1		$\rightarrow$	Reflected in [Date Display]-[Date Settings]-[Shape] as @FGOT_Frame:3D Rect 1.
		Frame	FGOT_Frame:3D Rect 2			Reflected in [Date Display]-[Date Settings]-[Shape] as @FGOT_Frame:3D Rect 2.
		Format	None			Reflected in [Date Display]-[Date Settings]-[Shape].
			Frame			Reflected in [Date Display]-[Date Settings]-[Frame Color].
			Plate		$\rightarrow$	Reflected in [Date Display]-[Date Settings]-[Plate Color].
			Bg Trar	nsparent	$\rightarrow$	Not supported.(Fixed to Bg Transparent.)
			Switch		$\rightarrow$	
		Category	Lamp		$\rightarrow$	Reflected in [Date Display]-[Extended]-[Category].
			Others		$\rightarrow$	
			None		$\rightarrow$	

## Confirmation after conversion

After converting the data to GOT1000 Series, confirm the settings in the following.



8

WRITING PROJECT DATA AND OS TO THE GOT

1

REPLACEMENT MODEL SUMMARY

2

HARDAWARE

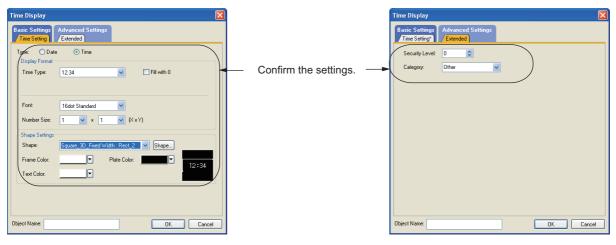
# 6.1.29 [Object] Time Display

#### Conversion summary

[Time Display] is converted according to the following.

GOT-F900 Series				s		GT10, GT11, GT15	
Time Display		Туре	Date		$\rightarrow$	Reflected in [Time Display]-[Time settings]-[Type].	
	Basic	туре	Time		$\rightarrow$	Reflected in [Thine Display]-[Thine Settings]-[Type].	
		View Format	Time Format		$\rightarrow$	Reflected in [Time Display]-[Time settings]-[Time Type].	
			Size	1×1	$\rightarrow$		
				2×2	$\rightarrow$	- Reflected in [Time Display]-[Time settings]-[Number Size].	
				4×4	$\rightarrow$		
				Others	$\rightarrow$		
			Color		$\rightarrow$	Reflected in [Time Display]-[Time settings]-[Text Color].	
			Use 6×8 dot Font		$\rightarrow$	Reflected in [Time Display]-[Time settings]-[Font].	
		Frame Format	FGOT_Frame:Basic Rect		$\rightarrow$	Reflected in [Time Display]-[Time Settings]-[Shape] as @FGOT_Frame:Basic Rect.	
			FGOT_Frame:3D Rect 1		$\rightarrow$	Reflected in [Time Display]-[Time Display]-[Shape] as @FGOT_Frame:3D Rect 1	
			FGOT_Frame:3D Rect 2		$\rightarrow$	Reflected in [Time Display]-[Time Display]-[Shape] as @FGOT_Frame:3D Rect 2.	
			None		$\rightarrow$	Reflected in [Time Display]-[Time settings]-[Shape].	
			Frame		$\rightarrow$	Reflected in [Time Display]-[Time settings]-[Frame Color].	
			Plate		$\rightarrow$	Reflected in [Time Display]-[Time settings]-[Plate Color].	
			Bg Transparent		$\rightarrow$	Not supported.(Fixed to Bg Transparent.)	
		Category	Switch				
			Lamp		$\rightarrow$	Reflected in [Time Display]-[Extended]-[Category].	
			Others		$\rightarrow$		
			None				

## Confirmation after conversion



# 6.1.30 [Object] Bit Comment

#### Conversion summary

[Bit Comment] is converted according to the following.

		GOT-F900	Series			GT10, GT11, GT15
	Basic	Device				Reflected in [Bit Comment]-[Device/Style]-[Device].
		Frame Format	Shape	FGOT_Frame:Basic Rect	$\rightarrow$	Reflected in [Bit Comment]-[Device/Style]-[Shape] as @FGOT_Frame:Basic Rect.
				FGOT_Frame:3D Rect 1	$\rightarrow$	Reflected in [Bit Comment]-[Device/Style]-[Shape] as @FGOT_Frame:3D Rect 1.
				FGOT_Frame:3D Rect 2	$\rightarrow$	Reflected in [Bit Comment]-[Device/Style]-[Shape] as @FGOT_Frame:3D Rect 2.
				None	$\rightarrow$	Reflected in [Bit Comment]-[Device/Style]-[Shape].
			Frame		$\rightarrow$	Reflected in [Bit Comment]-[Device/Style]-[Frame Color].
			Bg Transparent		$\rightarrow$	Not supported.
		Size	1×1		$\rightarrow$	Reflected in [Bit Comment]-[Comment]-[Text Size].
			2×2		$\rightarrow$	
			4×4		$\rightarrow$	
Bit			Others		$\rightarrow$	
Comment		Use 6 × 8 dot font			$\rightarrow$	Not supported.
		Category	Switch		$\rightarrow$	Reflected in [Bit Comment]-[Extended]-[Category].
			Lamp		$\rightarrow$	
			Others		$\rightarrow$	
			None		$\rightarrow$	
		ON			$\rightarrow$	Reflected in [Bit Comment]-[Comment]-[ON].
	Comment	OFF			$\rightarrow$	Reflected in [Bit Comment]-[Comment]-[OFF].
		Comment No.			$\uparrow$	Reflected in [Bit Comment]-[Comment]-[Comment No.].
		Direct Comment			$\rightarrow$	Reflected in [Bit Comment]-[Comment]-[Text].
		Change attribute of comment setting			$\rightarrow$	Reflected in [Bit Comment]-[Comment]-[Change Attribute of Commen Settings].
		Text				Reflected in [Bit Comment]-[Comment]-[Text Color].
		Plate			$\rightarrow$	Reflected in [Bit Comment]-[Device/Style]-[Plate Color].



1

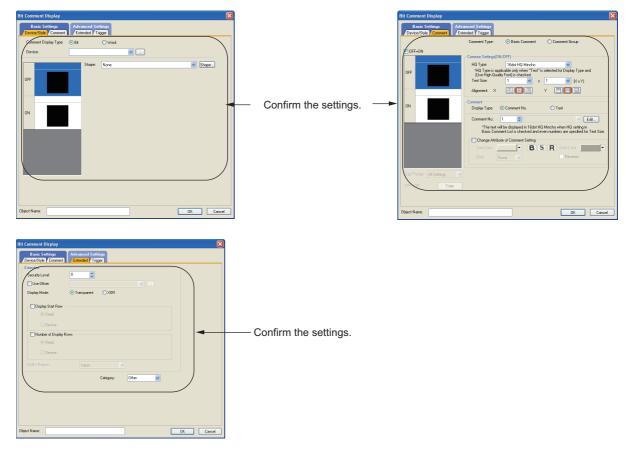
5

PROJECT DATA COMPATIBILITY TABLE

7

ION

#### ■ Confirmation after conversion



# 6.1.31 [Object] Word Comment

#### Conversion summary

[Word Comment] is converted according to the following.

		GOT-F900	Series			GT10, GT11, GT15	
		Device			$\rightarrow$	Reflected in [Word Comment]-[Device/Style]-[Device].	
				FGOT_Frame:Basic Rect	$\rightarrow$	Reflected in [Word Comment]-[Device/Style]-[Shape] as @FGOT_Frame:Basic Rect.	
			Shape	FGOT_Frame:3D Rect 1	$\rightarrow$	Reflected in [Word Comment]-[Device/Style]-[Shape] as @FGOT_Frame:3D Rect 1.	
		Frame Format		FGOT_Frame:3D Rect 2	$\rightarrow$	Reflected in [Word Comment]-[Device/Style]-[Shape] as @FGOT_Frame:3D Rect 2.	
				None	$\rightarrow$	Reflected in [Word Comment]-[Device/Style]-[Shape].	
			Frame		$\rightarrow$	Reflected in [Word Comment]-[Device/Style]-[Frame Color].	
			Bg Trans	Bg Transparent		Not supported.	
	Basic	Size	1×1		$\rightarrow$		
			2×2		$\rightarrow$	Reflected in [Word Comment]-[Comment]-[Text Size].	
Word			4×4		$\rightarrow$		
Comment			Others		$\rightarrow$	1	
		Preview Comment No.			$\rightarrow$	Reflected in [Word Comment]-[Comment]-[Preview No.].	
		Offset			$\rightarrow$	Not supported.	
		Use 6×8 dot font			$\rightarrow$	Not supported.	
			Switch		$\rightarrow$		
		Category	Lamp		$\rightarrow$	Reflected in [Word Comment]-[Extended]-[Category].	
		Category	Others		$\rightarrow$		
			None		$\rightarrow$		
	_	Attribute	Change setting.	Change attribute of comment setting.		Reflected in [Word Comment]-[Comment]-[Change Attribute of Comment Settings].	
	Comment	(Normal Case)	Text		$\rightarrow$	Reflected in [Word Comment]-[Comment]-[Text Color].	
		0000)	Plate	Plate		Reflected in [Word Comment]-[Device/Style]-[Plate Color].	

1

4

3

PROJECT DATA COMPATIBILITY TABLE

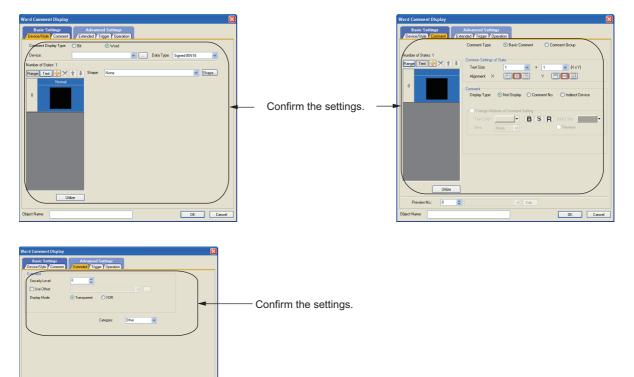
6

.....

#### ■ Confirmation after conversion

After converting the data to GOT1000 Series, confirm the settings in the following.

DK Cancel



# 6.1.32 [Object] Alarm History

### Conversion summary

[Alarm History] is converted according to the following.

		GOT-F90	00 Series				GT10, GT11, GT15		
			Title			$\rightarrow$	Reflected in [Alarm History Display]-[Display]-[Title].		
			Occurred			$\rightarrow$	Reflected in [Alarm History Display]-[Display]-[Alarm Text Color]- [Occurrences].		
		Settings	Width			$\rightarrow$	Reflected in [Alarm History Display]-[Display]-[Width].		
			Contents	Alarm Da	ate/Time	$\rightarrow$	Reflected in [Alarm History Display]-[Display]-[Date/Time Format]- [Date/Time].		
				Alarm Te	ext	$\rightarrow$	Reflected in [Alarm History Display]-[Display]-[Date/Time Format]-[Text]		
		Number of	fRows			$\rightarrow$	Reflected in [Alarm History Display]-[Display]-[Number of Rows].		
	Basic	Title				$\rightarrow$	Reflected in [Alarm History Display]-[Display]-[Title Color].		
		Size				$\rightarrow$	Reflected in [Alarm History Display]-[Style]-[Text Size].		
		Use 6×8	dot font			$\rightarrow$	Not supported.		
		Sort	Latest			$\rightarrow$			
		Setting	Oldest		$\rightarrow$	Reflected in [Alarm History Display]-[Display]-[Sort Settings].			
			Switch			$\rightarrow$			
			Lamp			$\rightarrow$			
		Category	Others		$\rightarrow$	Reflected in [Alarm History Display]-[Extended]-[Category].			
			None			$\rightarrow$			
-				FGOT_Frame: Basic Rect		$\rightarrow$			
		Frame Format	Shape	FGOT_Frame:3D Rect 1		$\rightarrow$	Reflected in [Alarm History Display]-[Style]-[Shape].		
	Frame			FGOT_Frame:3D Rect 2		$\rightarrow$			
larm				None		$\rightarrow$			
listory			Frame		$\rightarrow$	Reflected in [Alarm History Display]-[Style]-[Frame Color].			
			Plate			$\rightarrow$	Reflected in [Alarm History Display]-[Style]-[Plate Color].		
		Marti	Historical			$\rightarrow$			
		Mode	Cumulative			$\rightarrow$			
	Device (Common)	Number of	f alarms to mon	itor		$\rightarrow$			
		Watch Cyc	Watch Cycle			$\rightarrow$			
		Detailed A	larm Display Ty	/pe		$\rightarrow$	Reflected in [Alarm History Display]-[Display]-[To Alarm History].		
		Number of	f Alarms Occur	red		$\rightarrow$			
	Option	History Cle	ear			$\rightarrow$			
	(Common)		When no of alarm occurrences exceed 1000, delete oldest alarm occurrences			$\rightarrow$			
				Title		$\rightarrow$	Reflected in [Alarm History Display]-[Display]-[Restored]-[Title].		
			Restoration	Restor (	Color	$\rightarrow$	Reflected in [Alarm History Display]-[Display]-[Alarm Text Color]- [Restorations].		
				Width		$\rightarrow$	Reflected in [Alarm History Display]-[Display]-[Restored]-[Width].		
				Alarm	Date	$\rightarrow$	Reflected in [Alarm History Display]-[Display]-[Date/Time Format]- [Date].		
	Extended	Settings	Contents	Date/ Time	Time	$\rightarrow$	Reflected in [Alarm History Display]-[Display]-[Date/Time Format]- [Time].		
				Restor Text		$\rightarrow$	Reflected in [Alarm History Display]-[Display]-[Date/Time Format]- [Text].		
			Occur Frequency	Title		$\rightarrow$	Reflected in [Alarm History Display]-[Display]-[Frequency]-[Title].		

SCREEN DATA CONVERSION **A** SCREEN DATA OPERATION

5

PROJECT DATA COMPATIBILITY TABLE

6

CONFIRMATION AND SETTINGS AFTER CONVERSION

7

COMPATIBILITY OF SYSTEM SCREENS

8

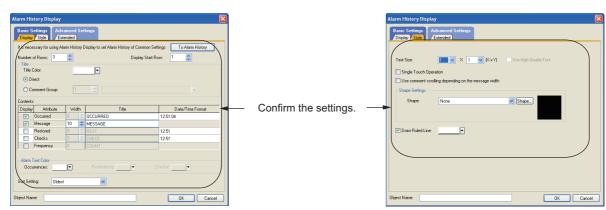
1

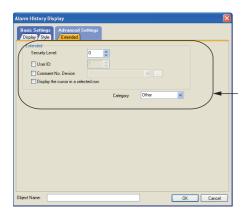
**C** REPLACEMENT MODEL SUMMARY

HARDAWARE

#### Resetting after conversion

After converting the data to GOT1000 Series, confirm the settings in the following.





Confirm the settings. —

	Data Ty Comm Co	of Alarms: pe: ent mment No.:	Historical O Cu     10     Bit     Ocortinuous     Continuous     Basic Comment     C	andom	atch Dycle:			m O Identical	
	Detail								
ngs. —	Dis		Not Display			5	Im Ex	Copy	
ngs. —	Dis	teř No.: mment Type:	Continuous     F     Basic Comment     C	andom omment Group	Commant Salarti		<u>Im</u> Ex		
ngs. —	Dis		Continuous     O     F	andom omment Group	Comment Selection		Im Ex RST	E Copy	
ngs. —	Dis	teř No.: mment Type:	Continuous     F     Basic Comment     C	andom omment Group	Comment Selection	in Detail	RST	RST Value	
ıgs. —	Dis De Co	teř No.: mment Type:	Continuous     F     Basic Comment     C	andom comment Group Comment No.	Comment Selection	in Detail	RST	RST Value ^	
ıgs. —	Dis De Co	teř No.: mment Type:	Continuous     F     Basic Comment     C	endom omment Group Comment No. 1 2	Comment Selection	n Detail 0 0	RST	RST Value	
ıgs. —	Dis De Co	teř No.: mment Type:	Continuous     F     Basic Comment     C	andom comment Group Comment No. 1 2 3	Comment Selection	n Detail 0 0 0	RST	RST Value         •           0         •           0         •           0         •           0         •	

# 6.1.33 [Object] Alarm List

#### Conversion summary

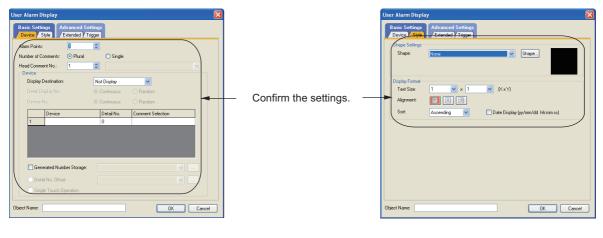
[Alarm List] is converted according to the following.

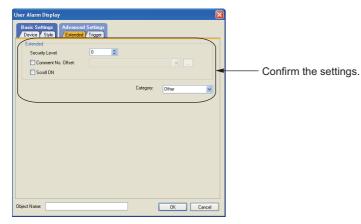
		GOT-F9	000 Series			GT10, GT11, GT15	
		Alarm	Alarm (De	evice) Points	$\rightarrow$	Reflected in [User Alarm Display]-[Device]-[Alarm Points].	
		Device	Alarm De	vice	$\rightarrow$	Reflected in [User Alarm Display]-[Device]-[Device].	
			Head Co	mment No.	$\rightarrow$	Reflected in [User Alarm Display]-[Device]-[Head Comment No.].	
			Size		$\rightarrow$	Reflected in [User Alarm Display]-[Style]-[Text Size].	
			Number	Plural	$\rightarrow$	Reflected in [User Alarm Display]-[Device]-[Number of	
		View	of Comment	Single	$\rightarrow$	Comments].	
				Ascending			
		Format	Cort	Descending		Deflected in Illeer Alarm Display! [Chile] [Cert]	
			Sort	Oldest		Reflected in [User Alarm Display]-[Style]-[Sort].	
				Latest			
			Display Date (yy/mm/dd mm : ss)		$\rightarrow$	Reflected in [User Alarm Display]-[Style]- [Date Display (yy/mm/dd/hh : mm : ss)].	
	Basic		Use 6×8	dot font	$\rightarrow$	Not supported.	
		Frame Format		FGOT_Frame:Basic Rect		Reflected in [User Alarm Display]-[Style]-[Shape] as @FGOT_Frame:Basic Rect.	
Alarm List			Shape	FGOT_Frame:3D Rect 1	$\rightarrow$	Reflected in [User Alarm Display]-[Style]-[Shape] as @FGOT_Frame:3D Rect 1.	
				FGOT_Frame:3D Rect 2 None		Reflected in [User Alarm Display]-[Style]-[Shape] as @FGOT_Frame:3D Rect 2.	
			Frame			Reflected in [User Alarm Display]-[Style]-[Shape].	
			Plate		$\rightarrow$		
			Switch				
		Category	Lamp		$\rightarrow$	Reflected in [User Alarm Display]-[Extended]-[Category].	
		Calegory	Others		$\rightarrow$	Reflected in [User Alarm Display]-[Extended]-[Category].	
			None		$\rightarrow$		
		Device for	Occurring I	Number	$\rightarrow$	Reflected in [User Alarm Display]-[Device]-[Generated Number	
	Other	Device			$\rightarrow$	Storage].	
	Other	Store Mem	iory		$\rightarrow$	Not supported.	
		Scroll On			$\rightarrow$	Reflected in [User Alarm Display]-[Extended]-[Scroll ON].	
		Detailed Di	isplay (Che	ck Box)	$\rightarrow$		
	Detail	Detailed Di	isplay	Comment Window	$\rightarrow$	Reflected in [User Alarm Display]-[Device]-[Display Destination].	
	Detail	(Pulldown	Menu)	Base Screen	$\rightarrow$		
		Disp		•	$\rightarrow$	Reflected in [User Alarm Display]-[Device]-[Detail Display No.].	

1

#### Confirmation after conversion

After converting the data to GOT1000 Series, confirm the settings in the following.





# 6.1.34 [Object] Word Parts

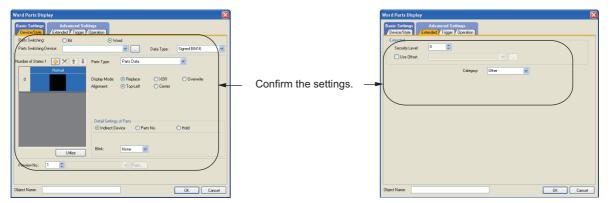
#### Conversion summary

[Word Parts] is converted according to the following.

	GOT	F-F900 Series			GT10, GT11, GT15		
	Device			$\rightarrow$	Reflected in [Word Parts]-[Device/Style]-[Device].		
	View Positioning Left	$\rightarrow$	Reflected in [Word Parts]-[Device/Style]-[Alignment].				
	Format	Point Center	$\rightarrow$				
Word	Preview Pa	arts	•	$\rightarrow$	Reflected in [Word Parts]-[Device/Style]-[Preview No.].		
Parts	Offset			$\rightarrow$	Not supported.		
		Switch		$\rightarrow$			
	Category	Lamp		$\rightarrow$	Reflected in [Word Parts]-[Extended]-[Category].		
	Calegory	Others	Others None		Reflected in [word Parts]-[Extended]-[Category].		
		None					

#### Confirmation after conversion

After converting the data to GOT1000 Series, confirm the settings in the following.



1

**C** REPLACEMENT MODEL SUMMARY

HARDAWARE

3

6 - 56

# 6.1.35 [Object] Panelmeter

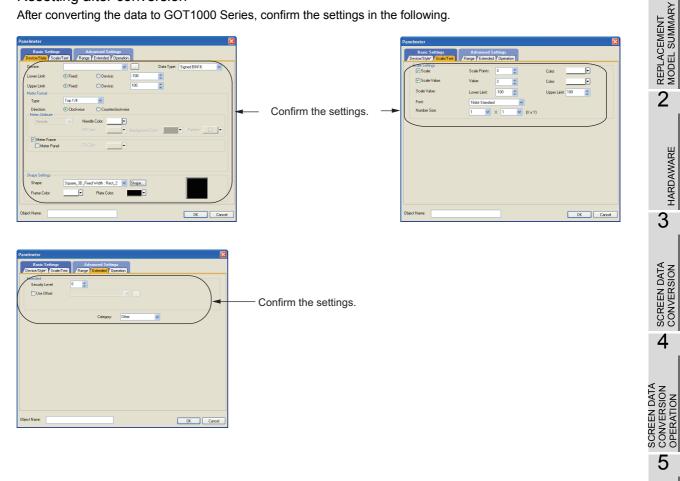
#### Conversion summary

[Panelmeter] is converted according to the following.

		G	DT-F900 Series			GT10, GT11, GT15		
			Device		$\rightarrow$	Reflected in [Panelmeter]-[Device/Style]-[Device].		
			Data Size	16 Bit	$\rightarrow$			
		Device	Data Size	32 Bit	$\rightarrow$	Poflooted in [Donelmeter] [Dovice/Style] [Date Type]		
			Data Type	Signed BIN	$\rightarrow$	Reflected in [Panelmeter]-[Device/Style]-[Data Type].		
			Data Type	Unsigned BIN	$\rightarrow$			
				FGOT_Frame:Basic Rect	$\rightarrow$	Reflected in [Panelmeter]-[Device/Style]-[Shape] as @FGOT_Frame:Basic Rect.		
	Decia		Shape	FGOT_Frame:3D Rect 1	→	Reflected in [Panelmeter]-[Device/Style]-[Shape] as @FGOT_Frame:3D Rect 1.		
	Basic	Frame Format		FGOT_Frame:3D Rect 2		Reflected in [Panelmeter]-[Device/Style]-[Shape] as @FGOT_Frame:3D Rect 2.		
				None	$\rightarrow$			
			Frame	rame		Reflected in [Panelmeter]-[Device/Style]-[Shape].		
			Plate		$\rightarrow$			
			Switch		$\rightarrow$			
		Catagony	Lamp		$\rightarrow$	Deflected in [Denelmeter] [Evtended] [Cetegory]		
		Category	Others		$\rightarrow$	Reflected in [Panelmeter]-[Extended]-[Category].		
			None		$\rightarrow$			
				Top 1/4	$\rightarrow$			
				Bottom 1/4	$\rightarrow$			
				Left 1/4				
nel				Right 1/4				
ter			Туре	Top-Right 1/4	$\rightarrow$			
				Top-Left 1/4	$\rightarrow$			
				Bottom-Left 1/4	$\rightarrow$	Pofloated in [DanoImeter] [Davias/Style] [Type]		
				Bottom-Right 1/4	$\rightarrow$	Reflected in [Panelmeter]-[Device/Style]-[Type].		
				Top 1/2	$\rightarrow$			
				Bottom 1/2	$\rightarrow$			
				Left 1/2	$\rightarrow$			
		Diaplay		Right 1/2	$\rightarrow$			
	Display/	Display		3/4	$\rightarrow$			
	Scale			Full Circle	$\rightarrow$	1		
				Special	$\rightarrow$	Not supported.		
			Direction	Clockwise	$\rightarrow$	Deflected in [Depelmeter] [Device/(Style] [Direction]		
			Direction	Counter clockwise	$\rightarrow$	Reflected in [Panelmeter]-[Device/Style]-[Direction].		
			Base Point		$\rightarrow$	Reflected in [Panelmeter]-[Device/Style]-[Base Point].		
			Needle Color		$\rightarrow$	Reflected in [Panelmeter]-[Device/Style]-[Needle Color]		
			Meter Panel		$\rightarrow$	Reflected in [Panelmeter]-[Device/Style]-[Fill Color].		
			Upper Limit	Fixed	$\rightarrow$	Reflected in [Panelmeter]-[Scale/Text]-[Upper Limit].		
				Device	$\rightarrow$	יאפוופטנפט זוו נר מוופוווופנפון-נסטמופי ופאנן-נטטטפו בוווונן.		
			LowerLimit	Fixed	$\rightarrow$	Reflected in [Panelmeter]-[Scale/Text]-[Lower Limit].		
			Lower Limit	Device	$\rightarrow$	Tenected in [Fanenneter]-[Scale/ lext]-[Lower Limit].		
		Cool-	Scale	Scale Points	$\rightarrow$	Reflected in [Panelmeter]-[Scale/Text]-[Scale Points].		
		Scale	Display	Color	$\rightarrow$	Reflected in [Panelmeter]-[Scale/Text]-[Color].		

#### Resetting after conversion

After converting the data to GOT1000 Series, confirm the settings in the following.



# 6.1.36 [Object] Line/Trend/Bar Graph

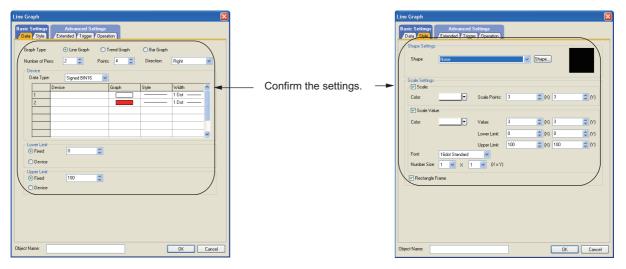
#### Conversion summary

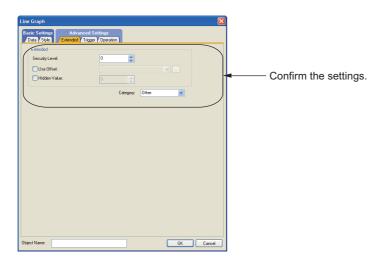
Line/Trend/Bar Graph is converted according to the following.

		G	OT-F900 Series			GT10, GT11, GT15		
			Line Graph		$\rightarrow$			
		Graph Type	Trend Graph		$\rightarrow$	Reflected in [Line/Trend/Bar Graph]-[Data]- [Graph Type].		
		туре	Bar Graph		$\rightarrow$	[Graph Type].		
			Number of Pens		$\rightarrow$	Reflected in [Line/Trend/Bar Graph]-[Data]- [Number of Pens].		
			Points		$\rightarrow$	Reflected in [Line/Trend/Bar Graph]-[Data]- [Points].		
				Vertical (Up)	$\rightarrow$			
			Direction	Vertical (Down)	$\rightarrow$	Reflected in [Line/Trend/Bar Graph]-[Data]-		
			Direction	Horizontal (Right)	$\rightarrow$	[Direction].		
				Horizontal (Left)	$\rightarrow$	]		
		View	Uppor Limit	Fixed	$\rightarrow$	Reflected in [Line/Trend/Bar Graph]-[Data]-		
		Format	Upper Limit	Device	$\rightarrow$	[Upper Limit].		
			LowerLimit	Fixed	$\rightarrow$	Reflected in [Line/Trend/Bar Graph]-[Data]-		
			Lower Limit	Device	$\rightarrow$	[Lower Limit].		
			Deve Male a	Fixed	$\rightarrow$	Reflected in [Line/Trend/Bar Graph]-[Data]-		
	Basic		Base Value	Device	$\rightarrow$	[Base Value].		
			Store Memory	No Clear Trigger	$\rightarrow$	Reflected in [Line/Trend/Bar Graph]-[Data]-		
				Clear On Trigger Rise	$\rightarrow$	[Store Memory].		
				Clear On Trigger Fall	$\rightarrow$	Not supported only for GT10.		
ne/		Frame Format		FGOT_Frame:Basic Rect		Reflected in [Line/Trend/Bar Graph]-[Style]- [Shape] as @FGOT_Frame:Basic Rect.		
rend/Bar Graph			Shape	FGOT_Frame:3D Rect 1	$\rightarrow$	Reflected in [Line/Trend/Bar Graph]-[Style]- [Shape] as @FGOT_Frame:3D Rect 1.		
				FGOT_Frame:3D Rect 2	$\rightarrow$	Reflected in [Line/Trend/Bar Graph]-[Style]- [Shape] as @FGOT_Frame:3D Rect 2.		
				None	$\rightarrow$	Deflected in [] inc/Trend/Der Crenh] [Stude]		
			Frame		$\rightarrow$	Reflected in [Line/Trend/Bar Graph]-[Style]- [Shape].		
			Plate			. [cabo].		
			Switch		$\rightarrow$			
		Category	Lamp		$\rightarrow$	Reflected in [Line/Trend/Bar Graph]-[Extended]-		
		Category	Others		$\rightarrow$	[Category].		
			None		$\rightarrow$			
			Data Size	16 Bit	$\rightarrow$			
		Device	Data Size	32 Bit	$\rightarrow$	Reflected in [Line/Trend/Bar Graph]-[Data]-		
		Device	Data Type	Signed BIN	$\rightarrow$	[Data Type].		
	Device/		Data Type	Unsigned BIN	$\rightarrow$			
	Scale		Scale		$\rightarrow$			
		Scale	Scale Point (X)		$\rightarrow$	Reflected in [Line/Trend/Bar Graph]-[Style]-		
		Style	Scale Point (Y)		$\rightarrow$	[Scale].		
			Color		$\rightarrow$	1		
	Others	Rectangle	Fame		$\rightarrow$	Reflected in [Line/Trend/Bar Graph]-[Style]- [Rectangle Frame].		
	Juleis	Not-displa	yed Value		$\rightarrow$	Reflected in [Line/Trend/Bar Graph]-[Extended]- [Hidden Value].		

#### Confirmation after conversion

After converting the data to GOT1000 Series, confirm the settings in the following.







6 - 60

# 6.1.37 [Object] Circle Graph

#### Alternative method summary

The display can be changed to Circle Graph by selecting [Circle] from [Type] in the Panelmeter. (The graph cannot be filled.)

#### Setting screen

6 - 61

Set in the following.

Basic Settings Device/Style Scale		Advanced Set ange (Extended)		1					
Device:			*		Data Type:	Signed BIN1	6 🗸		
Lower Limit:	Fixed:	🔘 Device		·100	*				
Upper Limit:	<ul> <li>Fixed:</li> </ul>	🔿 Device		100	*				
Mater Format								Ъ	
(Type:	Full Circle	Ba	Point:	90 degrees	~				<ul> <li>Set aga</li> </ul>
Meter Attribute	<del>⊙ Clockw</del>	i <del>se O</del> Counte	rclockwise						
Needle	~	Needle Color:	•						
		Fil Color:	-		lor:	<ul> <li>Pattern:</li> </ul>			
Meter Frame -			-						
Meter Panel		Fill Color:	-						
Shape Settings									
Shape:	None		~	Shape					

# 6.1.38 [Object] Keyboard

Alternative method summary

Reallocate and set the keyboard of the system library.

## 6.1.39 [Object] Buzzer...

Alternative method summary Substitute the buzzer controlling bit of the read device (system signal 1-1) and the screen switching device in the GOT1000 Series to be controlled by the PLC.

#### ■ System information allocation

The following table shows the bit allocation of system signal 1-1.

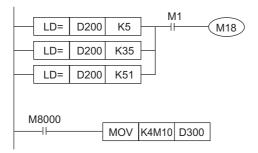
Bit Number	Name of GOT1000 Series Signal
b0	Automatic screen saver disable signal
b1	Forced screen saver disable signal
b2	Forced screen saver touch-cancel signal
b3	Key code read complete signal
b4	Numeric value input read complete signal
b5	Must not be used
b6	Must not be used
b7	Backlight OFF output signal
b8	Buzzer three-shot output signal
b9	Key-in disable signal
b10	Must not be used
b11	Must not be used
b12	Must not be used
b13	GOT error reset signal
b14	Buzzer output signal
b15	Buzzer one-shot output signal



#### Alternatives

Sequence Program Example

- (1) Operating Conditions
  - (a) PLC Type MELSEC-FX
  - (b) Device Allocation
    - System Signal 1-1: D300
    - Screen Switching: D200
    - Buzzer Generating Condition: M1
  - (c) Base Screen Signal for Buzzer Generation 5, 35, 51
  - (d) Buzzer Generation Buzzer Sounds 3 Times
- (2) Sequence Program



#### 6.1.40 [Figure] Text

#### Conversion summary

		summar	•	the following.	REPLACEMENT MODEL SUMMARY		
	GOT-F900	GT10, GT11, GT15	PLA				
	Text		$\rightarrow$	Reflected in [Text]-[Text].	MO		
	Text color		$\rightarrow$	Reflected in [Text]-[Text color].	2		
		Left	$\rightarrow$		1		
	Alignment	Center	$\rightarrow$	Reflected in [Text]-[Alignment].			
		Right	$\rightarrow$		Ш		
	Background Color $\rightarrow$		$\rightarrow$	Reflected in [Text]-[Background Color].			
	Bg Transparent $\rightarrow$		$\rightarrow$	Reflected in [Text]-[Background Color]. (Unchecked.)			
Taut		1×1	$\rightarrow$		HARDAWARE		
Text	Size	2×2	$\rightarrow$		3		
	Size	4×4	$\rightarrow$	Reflected in [Text]-[Size].	1		
		Others	$\rightarrow$				
	Use 6×8 d	ot font	$\rightarrow$	Reflected in [Text]-[Font].	SCREEN DATA CONVERSION		
		Switch	$\rightarrow$		ERS		
	Ontonio	Lamp	$\rightarrow$		UNV N		
	Category	Others	$\rightarrow$	Reflected in [Text]-[Category].	S S		
		None	$\rightarrow$		4		

#### Confirmation after conversion

After converting the data to GOT1000 Series, confirm the settings in the following.

Text	X	
Text:		
	Set as Default Clear Default Convert to Logo Text	
Font:	16dot Standard	
Size:	1 v x 1 v (×xY)	Confirm the settings.
Text Color:	BSR	g
Background Color:		
Direction:	Horizontal     Vertical     Alignment:     E	
Interval:	0 🗘 KANJI Region: Japan 👻	
Category:	Other	
	OK Cancel	

1

8

WRITING PROJECT DATA AND OS TO THE GOT

# 6.2 FX-PCS-DU/WIN (F900) $\rightarrow$ GT Designer3

When screen data created by FX-PCS-DU/WIN is converted into project data with GT Designer3, the settings for some functions may vary depending on the software by which the data is created or on the GOT type.

## 6.2.1 [View/Project] Screen List

#### Conversion summary

[Screen List] is converted according to the following.

	GOT	-F900 Series		GT10, GT11, GT15
Screen		Screen No	$\rightarrow$	Each screen is converted into Base Screen, and 1 is added to Screen Number. The common screen is converted to Screen Number 501 and displayed on top of other screens using the [Set Overlay Screen] function. At this time, the display order (front/back) of screens changes. (When operating [Import Project] with GT Designer2 Classic, set "1" for Base Screen.)
List	Header	Screen Name	$\uparrow$	The setting is retained in [Screen Property]-[Basic]-[Screen Name].
		Bg	$\rightarrow$	The setting is retained in [Screen Property]-[Basic]. For FX-PCS-DU/WIN, setting is required since there is no transparent setting.
		Security	$\rightarrow$	The setting is retained in [Screen Property]-[Basic]-[Security].
		Overlay screen setting	$\rightarrow$	The setting is retained in [Object]-[Set Overlay Screen].

#### Settings after conversion

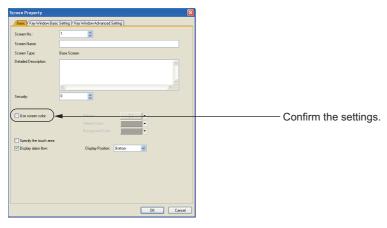
The common screen is converted to Screen Number 501 and displayed on top of each base screen using the [Set Overlay Screen...] function.

In addition, since there is no transparent setting for FX-PCS-DU/WIN, Background is selected for the entire screen after conversion.

As a result, only a figure or object, which is laid out in Screen Number 501, is displayed after conversion.

To display each screen, it is necessary to reset the Background of Screen Number 501 to transparent in [Screen Property...] after conversion.

Uncheck the [Use screen color] checkbox in [Screen Property...]-[Basic].



## POINT,

Screen display order (front/back)

Although the common screen of FX-PCS-DU/WIN is displayed behind the other user-created screens, Screen Number 501 is displayed on top of other base screens in GT Designer 3.

When parts (figure or object) placed on each screen are displayed in layers, the display order (front/back) changes after conversion. Therefore, check the [Place the overlay screen under the basic screen] in [Screen Switching/ Window] of [Environmental Setting].

# 6.2.2 [View/Project] Alarm

#### Conversion summary

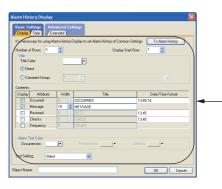
Ī

[Alarm] is converted according to the following.

-	-	GOT-F90	0 Series		GT10, GT11, GT15			
	Settings	Head Address Nbr of Alarms		→	Reflected in [Alarm History Display]-[To Alarm History]-[Basic]-[Device], [Alarm Flow]- [Basic]-[Device].			
	Common Se			$\rightarrow$	Reflected in [Alarm History Display]-[To Alarm History]-[Basic]-[Number of Alarms], [Alarm Flow]-[Basic]-[Alarm (Device) Points].			
	Com	Display Pos		$\rightarrow$	Not supported.			
		Message		$\rightarrow$	Converted in Basic Comment No. 5000 or later. (For example, the comment of Alarm 0 becomes Comment No. 5000.)			
Ē			None	$\rightarrow$	Reflected in [Alarm History Display]-[To Alarm History]-[Basic]-[Detail].			
Alarm	Settings	Report	Change Scr.	$\rightarrow$	Reflected in [Alarm History Display]-[To Alarm History]-[Basic]-[Detail]. (The name is changed to Base Screen.)			
	ual Sett	Report	Overlapped	$\rightarrow$	Reflected in [Alarm History Display]-[To Alarm History]-[Basic]-[Detail]. (The name is changed to Comment Window.)			
	Individual		Moving Alarm	$\rightarrow$	Converted in [Floating Alarm].			
	lno	Scr. No		$\rightarrow$	Reflected in [Alarm History Display]-[To Alarm History]-[Basic]-[Detail No.].			
		Print		$\rightarrow$	Not supported.			
		Acknowle	dge	$\rightarrow$				
		Reset		$\rightarrow$	Reflected in [Alarm History Display]-[To Alarm History]-[Basic]-[RST].			

#### Confirmation after conversion

Confirm the following settings in [Alarm History Display] and [Basic Comment List] after converting the data.



Confirm the settings.

🗏 Basic Comr	nent List									
Comment No.	Comment	Text	Invert	Blink	HQ	Style	Solid		-	
5000	Alarm		No	None		Regular				Confirm the settings.
								í		
	Comment No.	Basic Comment List Comment S000 Alarm	Comment No. Comment Text	Comment No. Comment Text Invert	Comment No. Comment Blink	Comment No. Comment Text Invert Blink HQ	Comment No. Comment Text Invest Blink HQ Style	Comment No. Comment Text Invert Blink HQ Style Solid	Comment No. Comment Text Invert Blink HQ Style Solid	Comment No Comment Text Invert Blink HD Stude Solid

1

7

COMPATIBILITY OF SYSTEM SCREENS

# 6.2.3 [View/Project] Project Settings

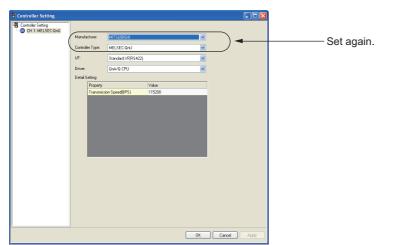
#### Conversion summary

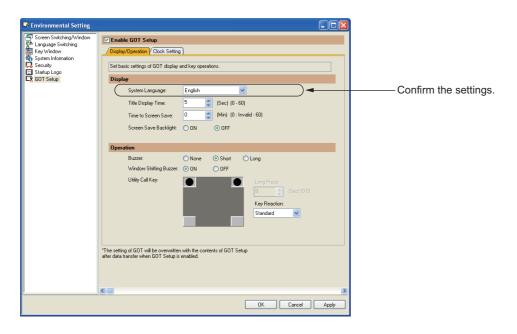
[Project Settings] of [System Settings] is converted according to the following.

GOT-F900 Series			GT10, GT11, GT15			
	Terminal		Converted to GT11 or GT10.			
Project Settings	PLC System		Resetting is required in [Controller Setting].			
r toject Settings	DU System language –		Reflected to [Environmental Setting]-[GOT Setup]-[System Language].			
	Character Set $\rightarrow$		Not supported.			

#### Settings after conversion

Set again in [Common]-[Controller Setting] again after converting data. Conversion from [DU System language] can be confirmed in [GOT Setup].





# 6.2.4 [View/Project] Interface Devices

#### Conversion summary

[Interface Devices] cannot be converted. Setting them in GT Designer3 is required after conversion.

GOT-F90	00 Series		GT10, GT11, GT15
Interface Devices	Word Device -		Setting is required in [Environmental Setting]-[Screen Switching/Window] and [Environmental Setting]-[System Information].
	Bit Device	$\rightarrow$	Setting is required in [Environmental Setting]-[System Information].

#### Settings after conversion

Set the [GOT Setting]-[Environmental Setting]-[Screen Switching/Window] and [System Information] again after converting the data.

 Interface Devices assignment and setting items Bit Device assignment (When assigning auxiliary relay M0)

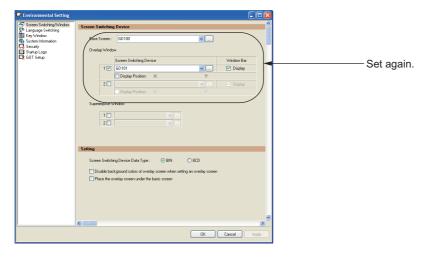
Bit Device	Control description	Setting item	
M0	Turning M0 from OFF to ON clears the alarm history.	Set again in [Alarm History Display]-[To Alarm History]-[Option]	
M1	Turns ON while the device assigned by the alarm function is ON.	Not supported.	
M2	The backlight on the display screen turns off if M2 is turned ON after the designated time.	Control with [System Information]-[Read Device] (System Signal 1-1 b0).	
M3	Turning M3 from OFF to ON clears the data sampled in the sampling mode.	Not supported.	
M4	Turns ON while sampling is performed in the sampling mode.		
M5	Turns ON as a numerical setting completion flag.	Control with [System Information]-[Write Device] (System Signal 2-1 b4).	
M6	Turns ON when the battery of the GOT goes low.	Control with [System Information]-[Write Device] (System Signal 2-2 b12).	
M7	Turns ON while the grip switch of the Handy GOT is pressed.	Not supported.	
M8	Turns ON when the data read from the bar code reader is stored in the PLC. When the interface device M10 turns ON, M8 turns OFF.	Control with [System Information]-[Write Device] (System Signal 2-1 b6).	
M9	At the bar code reader connection, the bar code input is disabled by turning ON M9, and the data read to the GOT is cleared.	Control with [System Information]-[Read Device] (System Signal 1-1 b5).	
M10	When M10 is turned ON, M8 turns OFF.	Control with [System Information]-[Read Device] (System Signal 1-1 b6).	

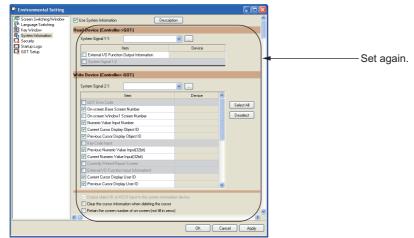
1

#### Word Device assignment (When assigning data register D0)

Word Device	Control description	Setting item
D0 D1 D2	<ul><li>Specifies the screen number to be displayed in the screen mode.</li><li>D0 : Specifies one screen number to be displayed.</li><li>D1 : Specifies two screen numbers to be displayed in layers.</li><li>D2 : Specifies three screen numbers to be displayed in layers.</li></ul>	Set in [Environmental Setting]-[Screen Switching/Window].         The assignment is as follows:         D0       → Base Screen         D1       → Overlap Window 1         D2       → Overlap Window 2
D3 D4 D5	<ul> <li>The screen number in the table is stored.</li> <li>D3 : The screen number currently displayed is stored.</li> <li>D4 : The screen number of the second screen is stored when more than one screen is displayed in layers.</li> <li>D5 : The screen number of the third screen is stored when three screens are displayed in layers.</li> </ul>	Control with [System Information]-[Write Device] .The assignment is as follows: D3 → Word device of Write Device No. +2 D4 → Word device of Write Device No. +3 D5 → Not supported. Confirm using the device assigned to [Overlap 2] of [Screen Switching Device].
D6	Specifies the file No. of the data file for reading and writing	Not supported.
D7	Parts ID of which input is to be completed	Control with [Write Device] of [System Information] (Word device of Write Device No. +4).

#### (2) Setting screen





# 6.2.5 [View/Project] Entry Code

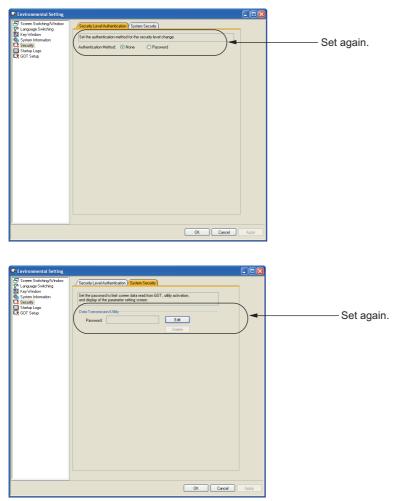
#### Conversion summary

[Entry code] is converted according to the following.

	GOT-F900 Series		GT10, GT11, GT15
	Transfer	$\rightarrow$	Reflected in [Environmental Setting]-[Security]-[System Security].
Entry Code	Screen Protect	$\rightarrow$	Setting is required in [Environmental Setting]-[Security]-[Security Level Authentication].
	Display entry code input error		Not supported.

#### Settings after conversion

Set again in [Security] of [Environmental Setting] in [Common] after converting the data.



# 6.2.6 [View/Project] Setup Data

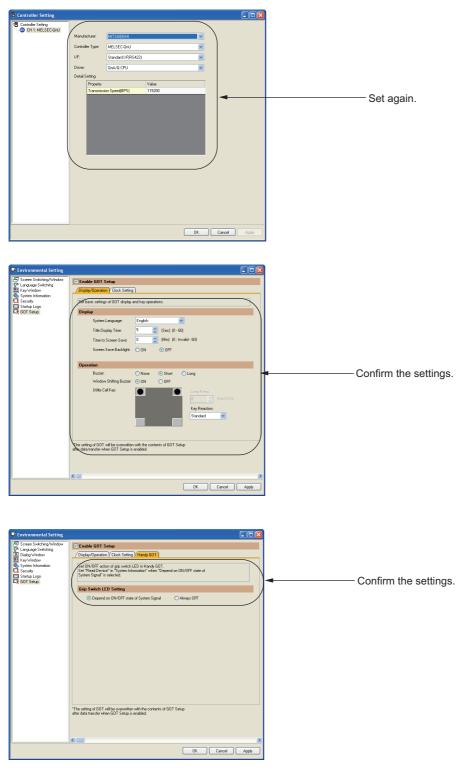
#### Conversion summary

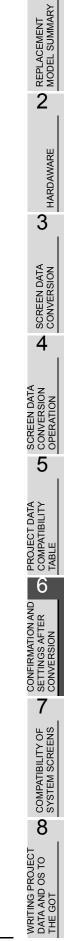
[Setup Data] is converted according to the following.

	GOT-F900 Se	eries		GT10, GT11, GT15		
	Opening Screen Time		$\rightarrow$	Reflected in [Environmental Setting]-[GOT Setup].		
	Backlight Off Time		$\rightarrow$	Reflected in [Environmental Setting]-[GOT Setup] as follows.         (When the setting time is 0 to 60 (Min))         Save Screen Time       : 0 to 60 (Min)         Screen Save Backlight       : OFF         (When the setting time is 61 to 99 (Min))         Save Screen Time       : 60 (Min)         Save Screen Time       : 60 (Min)		
	Buzzer		→	Reflected in [Environmental Setting]-[GOT Setup] as follows. ON → Short OFF → None		
ata		Port				
Setup Data	Connection	Туре	$\rightarrow$	Set again in [Controller Setting].		
Set	Connection	PLC Station No	$\rightarrow$			
		GOT Station No.	$\rightarrow$			
	When touch input detected do not change to input	Checked/Not checked	$\rightarrow$			
		Use GripSwitch	$\rightarrow$	Not supported.		
		Pressed Writing	$\rightarrow$			
		Switch OFF operation	$\rightarrow$			
	Handy GOT Setting	LED operation -		Reflected in [Environmental Setting]-[Handy GOT] as follows.         Depend on GripSwitch       →       Depend on Bit Device condition         Depend on Bit Device       →       Depend on Bit Device condition         Always OFF       →       Always OFF		

#### Confirmation after conversion

Set again the setting items related to the connection in [Controller Setting] after converting data. In addition, confirm the setting after conversion in [GOT Setup] and [Handy GOT] of [Environmental Setting].





# 6.2.7 [Object] Image

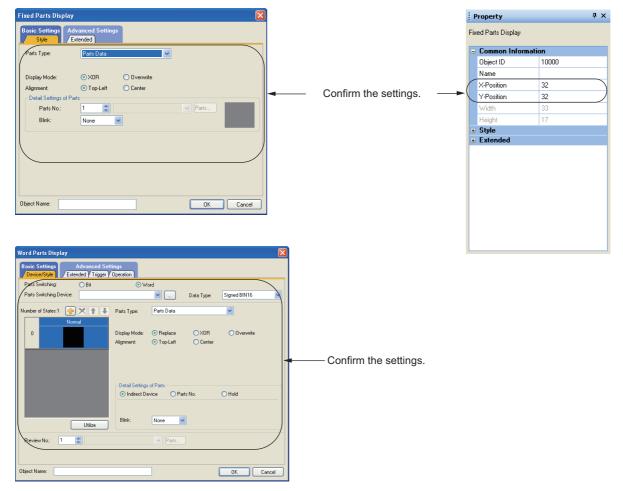
#### Conversion summary

[Image] is converted according to the following.

	GOT	-F900 Series			GT10, GT11, GT15
		No. Position			[Fixed Parts Display]-[Style]-[Parts Type] is set to [Parts Data].
	Image				Reflected in [Fixed Parts Display]-[Style]-[Detail Settings of Parts]-[Parts No.] and "1" is added.
					Reflected in Propertysheet (X-Position, Y-Position).
Image		Device	Word Device	$\rightarrow$	Patiented in Word Parts Display! (Daviss/Chile) (Parts Switching Daviss) (Parts
	Libron	setting	Displayed value	$\rightarrow$	Reflected in [Word Parts Display]-[Device/Style]-[Parts Switching Device]-[Data Type].
	Library Image	g	Data Size	$\rightarrow$	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	. 5 .	Offset Position			Reflected in [Word Parts Display]-[Operation]-[Data Operation].
					Reflected in Propertysheet (X-Position, Y-Position).

#### Confirmation after conversion

Confirm the settings after converting the data to GOT1000 Series.



# 6.2.8 [Graph] Bar Graph

#### Conversion summary

[Bar Graph] is converted according to the following.

	GOT-F900 Seri	es		GT10, GT11, GT15
		Word Device	$\rightarrow$	Reflected in [Bar Graph]-[Data]-[Device]-[Device].
	Device	Data Size	$\rightarrow$	Reflected in [Bar Graph]-[Data]-[Device]-[Data Type].
	Settings	Displayed value	$\rightarrow$	Current/Set is distinguished according to the device.
	Minimum	Direct	$\rightarrow$	Reflected in [Bar Graph]-[Data]-[Lower Limit]-[Fixed].
	Value	Indirect	$\rightarrow$	Reflected in [Bar Graph]-[Data]-[Lower Limit]-[Device].
	Maximum	Direct	$\rightarrow$	Reflected in [Bar Graph]-[Data]-[Upper Limit]-[Fixed].
	Value	Indirect	$\rightarrow$	Reflected in [Bar Graph]-[Data]-[Upper Limit]-[Device].
		Right	$\rightarrow$	
	Oranh Tuna	Up	$\rightarrow$	The directions are shanged to vertically as having stally in [Day Oraph] [Data] [Direction]
	Graph Type	Left	$\rightarrow$	The directions are changed to vertically or horizontally in [Bar Graph]-[Data]-[Direction].
		Down	$\rightarrow$	
Der Cranh		Left	$\rightarrow$	
Bar Graph	Scale	Up	$\rightarrow$	Not supported.
	Position	Right	$\rightarrow$	Not supported.
		Down	$\rightarrow$	
		Frame (Color)	$\rightarrow$	Reflected in [Bar Graph]-[Style]-[Shape]-[Frame Color].
		Bg	$\rightarrow$	Reflected in [Bar Graph]-[Style]-[Shape]-[Plate Color].
	Format	Graph	$\rightarrow$	Reflected in [Bar Graph]-[Data]-[Device]-[Graph].
	ronnat	Frame Type(Shape)	$\rightarrow$	Reflected in [Bar Graph]-[Style]-[Shape Settings]-[Shape].
		Ticks	$\rightarrow$	Reflected in [Bar Graph]-[Style]-[Scale]-[Scale Points].
	Position	Х	$\rightarrow$	Reflected in Propertysheet (X-Position, Y-Position).
	FUSILION	Y	$\rightarrow$	
	Sizo	W	$\rightarrow$	Peflected in Drepartysheet (width and height)
	Size	Н	$\rightarrow$	Reflected in Propertysheet (width and height).

3

SCREEN DATA CONVERSION

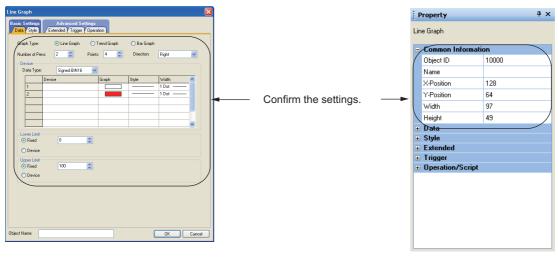
4

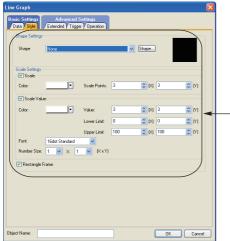
1

PROJECT DATA COMPATIBILITY TABLE

#### Confirmation after conversion

Confirm the settings after converting the data to GOT1000 Series.





- Confirm the settings.

#### 6.2.9 [Object] Date

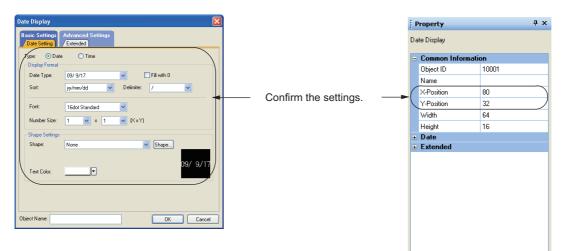
#### Conversion summary

[Date] is converted according to the following.

		GOT-F900 Series			GT10, GT11, GT15		
	Format			$\rightarrow$	Reflected in [Date Display]-[Data Setting]-[Display Format]-[Data Type].		
	ronnat	Short	$\rightarrow$				
		Text (Color)		$\rightarrow$	Reflected in [Date Display]-[Data Setting]-[Shape Settings]-[Text Color].		
		Frame (Color)		$\rightarrow$	Reflected in [Date Display]-[Data Setting]-[Shape Settings]-[Frame Color].		
	Format	Frame Type (Shape)			Reflected in [Date Display]-[Data Setting]-[Shape Settings]-[Shape].		
Date	Settings	Bg Transparent Checked/Not checked		$\rightarrow$	Not supported. (Fixed to Bg Transparent.)		
Date		Bg			[Date Display]-[Date Settings]-[Shape Settings]-[Plate Color].		
	Use 8 × 6 dot font Checked/Not checked				Reflected in [Date Display]-[Data Setting]-[Display Format]-[Font].		
	Position	Х		$\rightarrow$	Reflected in Propertysheet (X-Position, Y-Position).		
	1 0310011	Y		$\rightarrow$	Reflected in Fropertysheet (X-Fosition, 1-Fosition).		
	Character	W		$\rightarrow$	Reflected in [Date Display]-[Data Setting]-[Display Format]-[Number Size].		
	Size	Н					

#### Confirmation after conversion

Confirm the settings after converting the data to GOT1000 Series.



1

REPLACEMENT MODEL SUMMARY

2

HARDAWARE

3

SCREEN DATA CONVERSION

4

WRITING PROJECT DATA AND OS TO THE GOT

# 6.2.10 [Object] Time

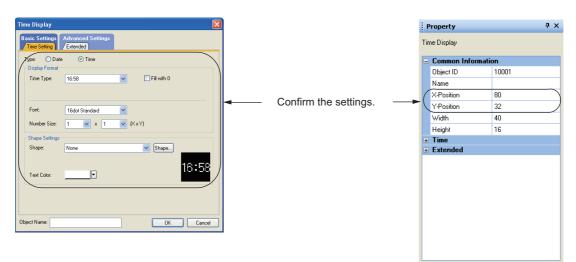
#### Conversion summary

[Time] is converted according to the following.

		GOT-F900 Series			GT10, GT11, GT15	
	Format		Normal	$\rightarrow$	Reflected in [Time Display]-[Time Setting]-[Display Format]-[Time	
	Tomat		Short	$\rightarrow$	Туре].	
		Text (Color)			Reflected in [Time Display]-[Time Setting]-[Shape Settings]-[Text Color].	
	Format	Frame (Color)			Reflected in [Time Display]-[Time Setting]-[Shape Settings]-[Frame Color].	
	Settings	Frame Type (Shape)			Reflected in [Time Display]-[Time Setting]-[Shape Settings]-[Shape].	
Time		Bg Transparent	Checked/Not checked		Not supported. (Fixed to Bg Transparent.)	
		Bg			[Time Display]-[Time Setting]-[Shape Settings]-[Plate Color].	
	Use 8×6 dot font Checked/Not checked			$\rightarrow$	Reflected in [Time Display]-[Time Setting]-[Display Format]-[Font].	
	Position	Х	•	$\rightarrow$	Reflected in Propertysheet (X-Position, Y-Position).	
	FUSICION	Υ				
	Character	W		$\rightarrow$	Poflected in [Time Display] [Time Setting] [Display Format] [Size]	
	Size	Н		$\rightarrow$	Reflected in [Time Display]-[Time Setting]-[Display Format]-[Size].	

#### Settings after conversion

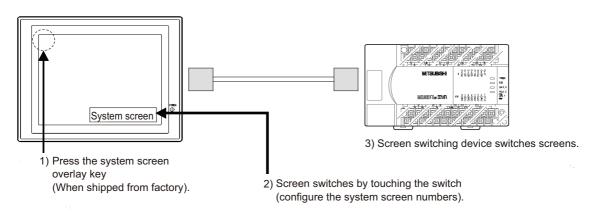
Confirm the settings after converting the data to GOT1000 Series.



# 7. COMPATIBILITY OF SYSTEM SCREENS

# 7.1 Display Methods of System Screens

Although the GOT-F900 Series can display its system screen according to the following methods, the GOT1000 Series cannot switch screens from the PLC using the screen switching device, as screen numbers are not allocated to the utility screen.



## 7.1.1 System screen display method of the GOT-F900 Series

- (1) GOT built-in functions
  - (GOT-F900 Series Configuration Methods)

Select and display each system screen after pressing the upper left part of the GOT screen (when shipped from the factory) and displaying [Main Menu].

(GOT1000 Series Configuration Method)

For the GT11 and GT1030, select and display each utility screen after pressing the upper right and upper left parts of the GOT screen simultaneously (when shipped from the factory) and displaying [Main Menu]. For the GT1020, select and display each utility screen after pressing only the upper left part of the GOT screen (when shipped from the factory) and displaying [Main Menu].

Refer to the following for details of the utility screen in the GOT1000 Series.

- GOT1000 Series User's Manual Utility Functions
- (2) Operating the user screen
  - (GOT-F900 Series Configuration Methods)

Displayed by touching the screen switching (configure the system screen numbers) switch on the user screen.

(GOT1000 Series Configuration Method)

Screen numbers are not allocated in the system screens of GOT1000 Series.

Configure the utility screen to display in the operating settings of a special function switch.

- (3) Displaying from the PLC
  - (GOT-F900 Series Configuration Methods)

Write and display the screen number of the system screen to display on the screen switching device using a PLC sequence program.

(GOT1000 Series Configuration Method)

As the screen numbers are not allocated to the utility screen of GOT1000 Series, screens cannot be switched using the PLC.

1

REPLACEMENT MODEL SUMMARY

2

HARDAWARE

3

SCREEN DATA CONVERSION

4

SCREEN DATA CONVERSION OPERATION

5

PROJECT DATA COMPATIBILITY TABLE

6

CONFIRMATION AND SETTINGS AFTER CONVERSION

> COMPATIBILITY OF SYSTEM SCREENS

8

WRITING PROJECT DATA AND OS TO THE GOT

# 7.2 Table of GOT-F900 Series System Screen Functions

The following table shows the configurations supported by the GOT-F900 Series system screen and GOT1000 Series utility screens.

Refer to the following for details of the utility screen in GOT1000 Series.

GOT1000 Series User's Manual Utility Functions

GOT-F900 Series			GT10	GT11	GT155			
Screen Main Menu		System screen name		setting applic	setting applic	setting applicabil	Remarks	
No.		(1	unction name)	ability	ability	ity		
1001			MONITOR (ELEMENT MONITOR)	0	Δ	Δ	Substitute with the system monitor function of the GOT1000 Series.	
1002	HPP MODE	ACTIVE	ACTIVE STATE MONITOR		×	×	-	
1003		PL	C DIAGNOSIS	0	0	0	The FX list editor (option OS) is required for the GT11 and GT155	
1004		SE	T CONDITION	×	×	×	-	
1005	SAMPLING	C	DISPLAY LIST	×	×	×	-	
1006	MODE	DI	SPLAY GRAPH	×	×	×	-	
1007		(	CLEAR DATA	×	×	×	-	
1008		DIS	SPLAY STATUS	×	×	×	-	
1009	ALARM	AL	ARM HISTORY	×	×	×	-	
1010	MODE	ALAF	RM FREQUENCY	×	×	×	-	
1011		CL	EAR HISTORY	×	×	×	-	
1012	TEST MODE	DATA BANK		×	×	×	-	
1013		SET-UP	SET CLOCK	0	0	0	-	
1014	1014	MODE	SET BACKLIGHT	0	0	0	-	
1015	015		SET TIME SWITCH		×	×	-	
1016	OTHER MODE PRIN	KEYWORD		$\triangle$	$\triangle$	Δ	Supported only for the FX series	
1017		PRINT	SAMPLING DATA	×	×	×	-	
1018		OUT SET-UP	ALARM HISTORY	×	×	×	-	
1019			BUZZER	0	0	0	-	
1020				MODE	SERIAL PORT	×	×	×
1021			LCD CONTRAST	0	0	0	-	
1022		PF	ROGRAM LIST	0	0	0	The FX list editor (option OS) is required for the GT11 and GT155	
1023	HPP MODE	F	PARAMETER	×	×	×	-	
1024		LI	IST MONITOR	0	0	0	The FX list editor (option OS) is required for the GT11 and GT155	
1025		В	FM MONITOR	×	×	×	-	
1026	TEST MODE	U	SER SCREEN	×	×	×	-	
1027			LANGUAGE	0	0	0	-	
1028	029 OTHER MODE MODE	SET-UP	PLC TYPE	Δ	Δ	Δ	Only the connection port to the registered PLC can be selected. The connection PLC is selected by GT Designer3.	
1029			OPENING SCREEN	0	0	0	-	
1030			MAIN MENU CALL	0	0	0	-	
-			CLEAR USER DATA	0	0	0	-	
-			AUXILIARY SETTING	×	×	×	-	
-		DA	TA TRANSFER	0	×	×	-	
-	TEST MODE	COMMU	NICATION MONITOR	0	×	×	GOT1000 Series has a check function for normal/abnormal communication.	

#### $\bigcirc$ : Compatible $\ \bigtriangleup$ : Some functions are not supported. $\ \square$ : No applicable functions

# 8. WRITING PROJECT DATA AND OS TO THE GOT

# 8.1 Connection Between a PC and the GOT

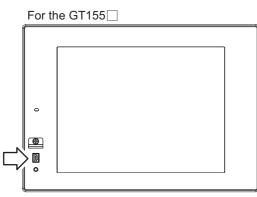
Connect the PC to the GOT.

# POINT,

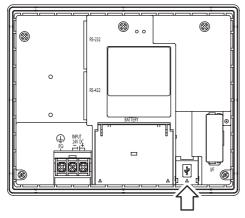
Precautions for connecting the cable

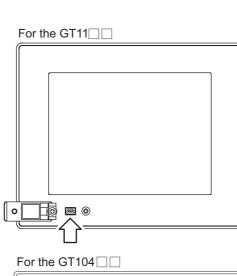
Shut off all phases of the GOT power supply before connecting the cable.

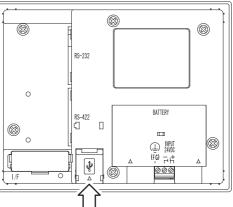
How to connect the USB cable Connect the cable to the GOT USB interface.



For the GT105



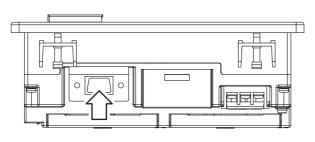




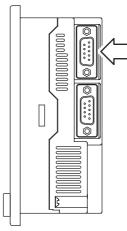
**7** REPLACEMENT MODEL SUMMARY HARDAWARE 3 SCREEN DATA CONVERSION 4 SCREEN DATA CONVERSION OPERATION 5 PROJECT DATA COMPATIBILITY TABLE 6 CONFIRMATION AND SETTINGS AFTER CONVERSION 7 COMPATIBILITY OF SYSTEM SCREENS 8 WRITING PROJECT DATA AND OS TO THE GOT

How to connect the RS-232 cable Connect the cable to the GOT RS232 interface.

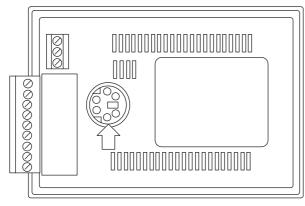
For the GT155



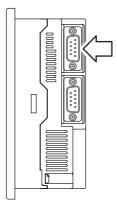
For the GT11



For the GT1020, GT1030



For the GT104 , GT105



# 8.2 [STEP6] Writing Project Data and OS from a PC onto the GOT

This section describes the procedure to write project data and OS from a PC to the GOT.

## 8.2.1 Writing project data and OS

Standard monitor OS and communication driver for communication with the PLC CPU have not been factory-installed in the GT15 and GT11.

Therefore, installing OS (Standard monitor OS and communication driver) is required before project data can be written. Standard monitor OS and communication driver are factory-installed in GT10. However, the OS needs to be written depending on the functions to be used when the OS is upgraded or Controller Type of the PLC is changed.

Communicate with GOT	X
GOT Write □ GOT Read □ GT	GOT Verify
	Special Data
Write Mode: Select write data	Wite Check Acquire GOT information.
Destination Drive: C:Built-in Flash Memory	Write Data Size
Vuhited (Project1)     Gree Storeen     Ormono Settings     Vormanization Settings	Project Data: 1 Kbyte 05: 1024 Kbyte Total: 1025 Kbyte
	Write Drive Information
	Data Area: Kbyte Free Space: Kbyte
☐ Write after deleting all contents in the project folder	GOT Write
Communication Cor	rfiguration Info Reception Close

- Select [Communication] → [Write to GOT...] from the menu.
- 2. The [Communication configuration] dialog box appears. Set the communication setting between the GOT and the PC.

Click the OK button when settings are completed.

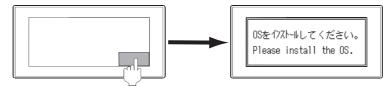
- The [GOT Write] tab appears on the [Communicate with GOT] dialog box.
   Select the [Project data, OS] radio button of the Write Data.
- Check the box of a desired standard monitor OS, communication driver, option OS, extended function OS, and Communication Settings and click the [GOT Write] button.

# POINT,

Precautions for OS writing

- Writing the OS onto the GOT clears project data in the GOT. Read the data in the GOT as necessary.
- (2) OS Writing method for the GT10 When writing a communication driver onto a GT10 in which a Boot OS Ver. under 01.03.00F or a standard monitor OS Ver. under 01.08.00 is written, turn on the GOT in the OS transfer mode. For details, refer to the following manual.

GT10 User's Manual



Turn on the GOT while the bottom right corner is touched.

1

REPLACEMENT MODEL SUMMARY

2

HARDAWARE

3

SCREEN DATA CONVERSION

4

SCREEN DATA CONVERSION OPERATION

5

PROJECT DATA COMPATIBILITY TABLE

6

CONFIRMATION AND SETTINGS AFTER CONVERSION

7

COMPATIBILITY OF SYSTEM SCREENS

# 8.2.2 Checking the project data and OS written to the GOT.

Confirm if the standard monitor OS, communication driver, option OS, project data and communication settings are properly written onto the GOT by reading from the GOT using GT Designer3. For reading from the GOT, refer to the following manuals.

Communicate with GOT	
	GOT Read GOT Verify  C Resource Data O Drive Information  GOT Read Data Source Drive: CBuilt in Flash Memory Destination: GT Designer3  Prior to use  Click on the Info Reception button to acquire GOT information when changing a destination drive prior to GOT write.
	GOT Read

GT Designer3 Version 🗌 Screen Design Manual

- Select [Communication] → [[Read from GOT...] from the menu.
- The [Communication configuration] dialog box appears. Set the communication setting between the GOT and the PC. Click the OK button when settings are completed.
- The [GOT Read] tab appears on the [Communicate with GOT] dialog box.
   Select the [Drive information] button of the Read Data.
- 4. Click the [Info Reception] button.
- 5. Confirm that the project data and OS are written correctly onto the GOT.

# 9.1 Setting Communication Interface

Set the communication interface of GOT and the connected equipment.

When using the GOT for the first time, make sure to set the channel of communication interface and the communication driver before writing to the GOT.

Set the communication interface of the GOT at [Controller Setting] and [I/F Communication Setting] in GT Designer3.

## 9.1.1 Setting connected equipment (Channel setting)

Set the channel of the equipment connected to the GOT.

🖷 Controller Setting					
Controller Setting					
CH 2: None	Manufacturer:	Mitsubishi		~	
CH 3: None	Controller Type:	MELSEC-QnA/Q/Q	S MELDAS C6*	~	
🖃 🚠 Network/Duplex Setting					
Ethernet	I/F:	Standard I/F(RS232	2)	~	
Ethernet Routing Information	Driver:	A/QnA/Q CPU, QJ7	71C24	~	
🚽 Communication Sr	Detail Setting				
Gateway Server	Proper	u	Value		
Mail		, ission Speed(BPS)	115200		
FTP FTP	Retry(1	imes)	0		
Station No. Switching	Timeou	it Time(Sec)	3		
	Delay	lime(ms)	0		
	_				
	_				
	_				
	_				
<					
				OK Cancel	

- 1. Select [Common]  $\rightarrow$  [Controller Setting] from the menu.
- 2. The Controller Setting dialog box appears. Select the channel No. to be used from the list menu.
- 3. Make settings referring to the following description.

# POINT,

- Communication interface setting using the Utility
   The communication interface setting can be changed in the Utility's [Communication setting] after writing
   [Communication Settings] of project data.
   For details on the Utility, refer to the following manual.
   GOT1000 Series User's Manual
- Precedence in communication settingsWhen settings are made by GT Designer3 or the Utility, the latest setting is effective.

#### Setting item

This section describes the setting items of the Manufacturer, Controller Type, Driver and I/F. When using the channel No.2 to No.4, check the [Use CH\*] checkbox.

🖷 Controller Setting						
Controller Setting	🔽 Use C	CH2				
	Manufac	turer:	Mitsubishi		~	
CH 4: None	Controller	ntroller Type: MELSEC-QnU, Q17nD/M/NC/DR, CRnD-700	1D-700 💌			
🕂 🔛 Ethernet	I/F:		Standard I/F(Ethernet)	: Multi	~	
🖃 🙀 Gateway	Driver:		Ethernet(MELSEC), Q	7nNC, CRnD-70	) 🗸	
- 💤 Communication St	Detail Se					
Gateway Client	F	Property		Value		
Mail		GOT NET I	No.	1		
FTP FTP GREdundant	(	GOT PLC N	lo.	1		
Station No. Switching		GOT IP Address		192.168.3.18		
		IP Label				
	9	Subnet Mask		255.255.255.0		
	[	Default Gal	teway	0.0.0.0		
	E	Ethernet D	ownload Port No.	5014		
		GOT Comm	nunication Port No.	5001		
	F	Retry(Time:	s)	3		
		Startup Tim	e(Sec)	3		
		Timeout Tir		3		
	(	Delay Time	(x10ms)	0		
		-	. ,			
<						
				(	OK Cancel	Apply

Item	Description
Use CH*	Select this item when setting the channel No.2 to No.4.
Manufacturer	Select the manufacturer of the equipment to be connected to the GOT.
Туре	Select the type of the equipment to be connected to the GOT.
I/F	Select the interface of the GOT to which the equipment is connected.
Driver	Select the communication driver to be written to the GOT.
Detail Setting	Make settings for the transmission speed and data length of the communication driver.

#### (1) Setting [Driver]

The displayed items for a driver differ depending on the settings [Manufacturer], [Controller Type] and [I/F]. When the driver to be set is not displayed, confirm if [Manufacturer], [Controller Type] and [I/F] are correct.

(2) Setting [Controller Type] The types for the selection differs depending on the PLC to be used. Make settings referring to the following.

Туре	Model name
	Q00CPU
	Q01CPU
	Q02CPU
	Q02HCPU
	Q06HCPU
	Q12HCPU
	Q25HCPU
	Q02PHCPU
	Q06PHCPU
MELSEC-Q (Multi)/Q Motion	Q12PHCPU
	Q25PHCPU
	Q172CPU
	Q173CPU
	Q172CPUN
	Q173CPUN
	Q172HCPU
	Q173HCPU
	Q172DCPU
	Q173DCPU
	A2UCPU
	A2UCPU-S1
	A3UCPU
	A4UCPU
	A2ACPU
	A2ACPUP21
	A2ACPUR21
	A2ACPU-S1
	A2ACPUP21-S1
MELSEC-A	A2ACPUR21-S1
	A3ACPU
	A3ACPUP21
	A3ACPUR21
	A1NCPU
	A1NCPUP21
	A1NCPUR21
	A2NCPU

	Туре	Model name
		A2NCPUR21
		A2NCPU-S1
		A2NCPUP21-S1
		A2NCPUR21-S1
		A3NCPU
		A3NCPUP21
		A3NCPUR21
		A2USCPU
		A2USCPU-S1
		A2USHCPU-S1
		AISCPU
		A1SCPUC24-R2
		A1SHCPU
		A2SCPU
		A2SCPU-S1
		A2SHCPU
		A2SHCPU-S1
		A1SJCPU
		A1SJCPU-S3
		A1SJHCPU
		A0J2HCPU
		A0J2HCPUP21
MELSEC-A		A0J2HCPUR21
		A0J2HCPU-DC24
		A2CCPU
		A2CCPUP21
		A2CCPUR21
		A2CCPUC24
		A2CCPUC24-PRF
		A2CJCPU-S3
		A1FXCPU
		A273UCPU
		A273UHCPU
		A273UHCPU-S3
		A373UCPU
		A373UCPU-S3
		A171SCPU
		A171SCPU-S3
		A171SCPU-S3N
		A171SHCPU
		A171SHCPUN
		A172SHCPU
		A172SHCPUN
		A173UHCPU

Port the GT16, GT16 <sup>11/2</sup> Q00UZCPU           G3UDCPU         Q3UDCPU           Q3UDCPU         Q3UDCPU           Q3UCPU         Q3UCPU           Q3UCPU         Q3UCPU           Q3UCPU<	Туре	Model name
For the GT16, GT15 <sup>11/2</sup> Q00UCPU         G03UDCPU       Q00UDHCPU         Q00UDHCPU       Q00UDHCPU         Q00UDHCPU       Q00UDHCPU         Q00UDHCPU       Q00UDHCPU         Q00UDHCPU       Q00UDHCPU         Q00UDHCPU       Q00UDHCPU         Q00UDHCPU       Q00UDECPU         Q00UDECPU       Q00UDEHCPU         Q00UDEHCPU       Q00UDE	.)[*	
Por the GT16, GT15 <sup>-112</sup> QQUDHCPU           For the GT16, GT15 <sup>-112</sup> QQUDHCPU           For the GT16, GT15 <sup>-112</sup> QQUDHCPU           GGUDHCPU         QQUDHCPU           QQUDHCPU         QQUDHCPU           QQUCHCPU         QQUCHCPU           QQUCHCPU         QQUCHCPU		
For the GT16, GT15 <sup>11/2</sup> QBUDCPU           Q04UDHCPU         QBUDHCPU           Q13UDHCPU         QBUDHCPU           Q13UDHCPU         QBUDHCPU           Q13UDHCPU         QBUDHCPU           Q13UDHCPU         QBUDHCPU           Q13UDHCPU         QBUDHCPU           Q13UDEHCPU         QBUDEHCPU           Q10UDEHCPU         QBUDEHCPU           Q10UDEHCPU         QBUDEHCPU           Q10UDEHCPU         QBUDEHCPU           Q13UDEHCPU         QBUDEHCPU           Q2BUDEHCPU         <		
For the GT16, GT15 <sup>172</sup> Qd4UDHCPU         G13UDHCPU       Q3UDHCPU         Qd4UDHCPU       Q3UDHCPU         Qd5UDHCPU       Q3UDHCPU         Qd4UDHCPU       Q3UDHCPU         Qd7DHCPU       Q3UDHCPU         Qd7DHCPU       Q3UDHCPU         Qd7DHCPU       Q3UDHCPU         Qd3CPU       Q3UDHCPU         Qd4CPU       Q3UDHCPU         Qd4CPU       Q3UDHCPU		
For the GT16, GT15 <sup>112</sup> 006UDHCPU           G23UDHCPU         023UDHCPU           G23UDHCPU         023UDHCPU           G23UDHCPU         023UDHCPU           G23UDHCPU         03UDECPU           G410DHCPU         03UDECPU           G410DHCPU         03UDECPU           G410DHCPU         03UDECPU           G410DHCPU         03UDECPU           G410DHCPU         03UDECPU           G32UDHCPU         03UDECPU           G32UDHCPU         03UDECPU           G32UDEHCPU         03UDEHCPU           G32UDEHCPU         03UDEHCPU           G32UDEHCPU         03UDEHCPU           G32UDEHCPU         03UDEHCPU           G32UDEHCPU         03UDECPU           G32UDEHCPU         03UDECPU           G32UDEHCPU         03UDECPU           G32UDEHCPU         03UDECPU           G32UDEHCPU         03UCPU           G32UDECPU         03UCPU           G32UDECPU         03UCPU           G32UCPU         000CPU           G32UCPU         000CPU           G32CPU         000CPU           G32CPU         000CPU           G32HCPU         000HCPU           G22		
For the GT16, GT15 <sup>112</sup> Q2UDHCPU         MELSEC-QAU, Q17AD/MINC/DR, CRAD-700       Q2UDHCPU         For the GT11 <sup>11</sup> Q2UDHCPU         MELSEC-QAU, Q17AD/MINC/DR       Q3UDECPU         G10DEHCPU       Q3UDECPU         G10DEHCPU       Q3UDECPU         G10DEHCPU       Q3UDECPU         G10DEHCPU       Q3UDECPU         Q3UDECPU       Q3UDECPU         Q		
Por the GT16, GT15 <sup>112</sup> Q20UDHCPU         MELSEC-QNU, Q17nD/MINC/DR, CRnD-700       Q3UDECPU         Por the GT11 <sup>1</sup> Q4UDHCPU         MELSEC-QNU, Q17nD/MINC/DR       Q3UDECPU         MELSEC-QNU       Q3UDECPU         Q3UDECPU       Q3UDECPU         Q3UCPU       Q3UDECPU         Q3UCPU       Q3UDECPU         Q3UCPU       Q3UDECPU         Q3UDECPU       Q3UDECPU         Q3UDECPU       Q3UDECPU         Q3UDECPU       Q3UDECPU         Q3UDECPU       Q3UDECPU         Q3UDECPU       Q3UDECPU         Q3UDECPU       Q3UDECPU         Q3UDECPU<		
For the GT16, GT15 <sup>112</sup> MELSEC-QAU, Q17AD/MINC/DR, CRAD-700 For the GT10 <sup>11</sup> MELSEC-QAU, Q17AD/MINC/DR For the GT10 <sup>11</sup> MELSEC-QAU For the GT10 <sup>11</sup> MELSEC-QAU CARD-700 CRAD-700 C		Q13UDHCPU
MELSEC-QAU, Q17nD/MINC/DR, CRND-700 G03UDECPU G04UDEHCPU G04UDEHCPU G04UDEHCPU G04UDEHCPU G03UDEHCPU G03UDHCHCPU G03UDHCHCPU G03UDHC		Q20UDHCPU
MELSEC-QAU, Q17nD/MINC/DR, CRND-700 G03UDECPU G04UDEHCPU G04UDEHCPU G04UDEHCPU G04UDEHCPU G03UDEHCPU G03UDHCHCPU G03UDHCHCPU G03UDHC	For the GT16, GT15 <sup>*1*2</sup>	
For the GT16 '1 '1         0600DEHCPU           Of the GT10 <sup>-1</sup> 0100DEHCPU           Q200DEHCPU         Q200DEHCPU           Q200DEHCPU         Q200DEHCPU           Q172DCPU         Q172DCPU           Q173DCPU         Q173DCPU           Q173DCPU         Q173DCPU           Q173DCPU         Q173DCPU           Q173DCPU         Q173DCPU           Q172DCPU         Q000CPU           Q000CPU         Q000CPU           Q001CPU         Q001CPU           Q02CPU         Q002CPU           Q02CPU         Q02CPU           Q02CPU         Q02CPU           Q02CPU         Q02CPU           Q02CPU         Q02CPU           Q12HCPU         Q2EPHCPU           Q12HCPU         Q2EPHCPU           Q12PHCPU         Q2EPHCPU           Q12PHCPU         Q2EPHC		
For the GT16 '1 '1         0600DEHCPU           Of the GT10 <sup>-1</sup> 0100DEHCPU           Q200DEHCPU         Q200DEHCPU           Q200DEHCPU         Q200DEHCPU           Q172DCPU         Q172DCPU           Q173DCPU         Q173DCPU           Q173DCPU         Q173DCPU           Q173DCPU         Q173DCPU           Q173DCPU         Q173DCPU           Q172DCPU         Q000CPU           Q000CPU         Q000CPU           Q001CPU         Q001CPU           Q02CPU         Q002CPU           Q02CPU         Q02CPU           Q02CPU         Q02CPU           Q02CPU         Q02CPU           Q02CPU         Q02CPU           Q12HCPU         Q2EPHCPU           Q12HCPU         Q2EPHCPU           Q12PHCPU         Q2EPHCPU           Q12PHCPU         Q2EPHC		
Por the GT10 <sup>11</sup> Q13UDEHCPU         Q2UDEHCPU       Q2UDEHCPU         Q2UDEHCPU       Q2UDEHCPU         Q2UDEHCPU       Q2UDEHCPU         Q172DCPU       Q172DCPU         Q173DCPU       Q173MCPU         Q173MCCPU)       CR0-700         Q173DCPU       Q173MCCPU)         CR0-700       Q10(Q172BRCPU)         QRD-700       Q00CPU         Q00CPU       Q00CPU         Q		
MELSEC-QnU         COUNTING COUNCIL           Q2UDEHCPU         Q2UDEHCPU           Q2UDEHCPU         Q2UDEHCPU           Q172DCPU         Q172DCPU           Q170MCPU         Q173MCCPU           CRQ-700         Q01/Q172DCPU)           CRD-700         Q01/Q172DCPU)           QRD-700         Q01/Q172DCPU)           CRD-700         Q00/CPU           Q00CPU         Q00/CPU           Q002CPU         Q00/CPU           Q02CPU         Q02/Q1           Q02HCPU         Q02/Q2           Q02HCPU         Q2/Q1           Q02HCPU         Q2/Q1           Q12HCPU         Q2/Q1           Q12HCPU         Q2/Q1           Q12HCPU         Q2/Q1           Q12HCPU         Q2/Q1           Q12HCPU         Q2/Q1           Q12HCPU         Q2/Q1           Q12PHCPU         Q2/Q1           Q12PHCPU         Q2/Q1           Q12PHCP	MEESES-QIIO, QTHEMINOLON	Q10UDEHCPU
G200EHCPU           Q28UDEHCPU           Q172DCPU           Q173DCPU           CRn0-700           (Q173DCCPU)           CRn0-700           (Q172DCPU)           Q00UCPU           Q00UCPU           Q001CPU           Q001CPU           Q001CPU           Q01CPU           Q02ECPU           Q02HCPU           Q02HCPU </td <td>For the GT10<sup>*1</sup></td> <td>Q13UDEHCPU</td>	For the GT10 <sup>*1</sup>	Q13UDEHCPU
Q172DCPU           Q173DCPU           Q170MCPU           CNC C70           (Q173DCCPU)           CR0-700           (Q172DRCPU)           CR0-700           (Q172DRCPU)           CR0-700           (Q172DRCPU)           CR0-700           (Q172DRCPU)           CR0-700           (Q172DRCPU)           CR0-700           (Q02CPU           Q00CPU           Q	MELSEC-QnU	Q20UDEHCPU
G173DCPU         G170MCPU         CNC C70         G170MCCPU)         CRn0-700         (Q172DRCPU)         CRn0-700         (Q172DRCPU)         CRn0-700         (Q172DRCPU)         CRn0-700         (Q172DRCPU)         CRn0-700         (Q172DRCPU)         CRn0-700         (Q172DRCPU)         CR0-700         Q002CPU         Q002CPU         Q02CPU         Q02HCPU         Q12PHCPU		
G173DCPU         G170MCPU         CNC C70         G170MCCPU)         CRn0-700         (Q172DRCPU)         CRn0-700         (Q172DRCPU)         CRn0-700         (Q172DRCPU)         CRn0-700         (Q172DRCPU)         CRn0-700         (Q172DRCPU)         CRn0-700         (Q172DRCPU)         CR0-700         Q002CPU         Q002CPU         Q02CPU         Q02HCPU         Q12PHCPU		Q172DCPU
CNC C70           (Q173NCCPU)           CR0-700           (Q172DRCPU)           CRD-700           (Q172DRCPU)           CRD-700           Q00JCPU           Q00CPU           Q00CPU           Q01CPU           Q01CPU           Q02CPU           Q02FDPU           Q12PHCPU           Q2ACPU-S1           Q12PHCPU           Q12CPU-S1		
CNC C70           (Q173NCCPU)           CR0-700           (Q172DRCPU)           CRD-700           (Q172DRCPU)           CRD-700           Q00JCPU           Q00CPU           Q00CPU           Q01CPU           Q01CPU           Q02CPU           Q02FDPU           Q12PHCPU           Q2ACPU-S1           Q12PHCPU           Q12CPU-S1		Q170MCPU
CRnQ-700 (Q172DRCPU)CRnD-700Q00LCPUQ00CPUQ01CPUQ01CPUQ02HCPUQ02HCPUQ02HCPUQ02HCPUQ02HCPUQ02HCPUQ02HCPUQ02HCPUQ02HCPUQ12HCPUQ12HCPUQ02FHCPUQ02FHCPUQ02FHCPUQ02FHCPUQ02FHCPUQ02FHCPUQ12PHCPUQ02FHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ2ACPUQ12PHCPUQ2ACPUQ2ACPUQ2ACPUQ2ACPUQ2ACPUQ2ACPUQ2ACPUQ2ACPUQ2ASCPUQ2		CNC C70
(Q172DRCPU)CRnD-700Q00/CPUQ00CPUQ01CPUQ01CPUQ02CPUQ02CPUQ02HCPUQ06HCPUQ02HCPUQ06HCPUQ02HCPUQ02HCPUQ02HCPUQ02HCPUQ02PHCPUQ02PHCPUQ02PHCPUQ02PHCPUQ02PHCPUQ02PHCPUQ02PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ2ACPUQ2ACPUQ2ACPUQ2ACPUQ2ACPUQ2ACPUQ2ACPUQ2ACPUQ2ACPUQ2ACPUQ2ASCPU <td></td> <td>(Q173NCCPU)</td>		(Q173NCCPU)
CRnD-700           Q00JCPU           Q00CPU           Q01CPU           Q01CPU           Q01CPU           Q01CPU           Q01CPU           Q01CPU           Q01CPU           Q01CPU           Q02CPU           Q02HCPU           Q06HCPU           Q02FHCPU           Q02FHCPU <td></td> <td></td>		
Q00JCPU           Q00CPU           Q01CPU           Q02CPU           Q02HCPU           Q25HCPU           Q25HCPU           Q02PHCPU           Q02PHCPU           Q02PHCPU           Q02PHCPU           Q12PRHCPU           Q12PRHCPU           Q2ASPHCPU           Q2ACPU           Q2ACPU           Q2ACPU           Q2ACPU           Q3ACPU           Q4ACPU           Q4ACPU           Q4ACPU           Q4ACPU           Q4ACPU           Q4ACPU           Q4ACPU           Q4ACPU           Q4ACPU           Q2ASCPU-S1           Q2ASHCPU-S1		
Q00CPUQ01CPUQ02CPUQ02HCPUQ02HCPUQ06HCPUQ12HCPUQ06PLCPUQ02PHCPUQ02PHCPUQ02PHCPUQ02PHCPUQ02PHCPUQ12PHCPUQ12PHCPUPor the GT11 <sup>11</sup> Q25PHCPUMELSEC-QnA/Q/QS, MELDAS C6*Q12PRHCPUFor the GT11 <sup>11</sup> Q25PRHCPUMELSEC-QnA/Q, MELDAS C6*Q301CPUPor the GT10 <sup>11</sup> MELSEC-QnA/QQ3ACPU-S1Q3ACPUQ4ACPUQ4ACPUQ4ACPUQ2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1MELDAS C6(FCA C6)MELDAS C64		
Q01CPU           Q02CPU           Q02HCPU           Q06HCPU           Q02HCPU           Q06HCPU           Q02PHCPU           Q02ACPU           Q02ACPU           Q02ACPU           Q02ASCPU           Q02ASCPU-S1           Q02ASC		
Q02CPU           Q02HCPU           Q06HCPU           Q06HCPU           Q12HCPU           Q029HCPU           Q29HCPU           Q29HCPU           Q29HCPU           Q20010PU           Q2010PU		
Q02HCPUQ06HCPUQ12HCPUQ25HCPUQ02PHCPUQ02PHCPUQ02PHCPUQ02PHCPUQ12PHCPUQ12PHCPUMELSEC-QnA/Q/QS, MELDAS C6*Q12PRHCPUFor the GT11 <sup>11</sup> Q25PRHCPUMELSEC-QnA/Q, MELDAS C6*Q3001CPUPor the GT10 <sup>11</sup> Q2ACPU-S1Q2ACPU-S1Q4ACPUQ4ACPUQ4ACPUQ4ACPUQ4ACPUQ2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1MELDAS C6(FCA C6)MELDAS C64		
Q06HCPUQ12HCPUQ25HCPUQ02PHCPUQ06PHCPUQ06PHCPUQ06PHCPUQ12PHCPUMELSEC-QNA/Q/QS, MELDAS C6*Q25PHCPUQ25PHCPUQ25PHCPUMELSEC-QNA/Q, MELDAS C6*Q3001CPUPor the GT10 <sup>*1</sup> Q2ACPUQ2ACPU-S1Q3ACPUQ4ACPUQ4ACPUQ4ACPUQ2ASCPUQ2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1QASCPU-S1MELDAS C6(FCA C6)MELDAS C64		
Q12HCPUQ25HCPUQ02PHCPUQ06PHCPUQ06PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PHCPUQ12PRHCPUPor the GT11*1Q25PRHCPUMELSEC-QnA/Q, MELDAS C6*Q3001CPUFor the GT10*1Q2ACPUQ2ACPUQ3ACPUQ4ACPUQ4ACPUQ4ACPUQ4ACPUQ2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASHCPU-S1Q2ASHCPU-S1MELDAS C6(FCA C6)MELDAS C6(FCA C6)		
Q25HCPUQ02PHCPUQ06PHCPUQ06PHCPUQ12PHCPUQ12PHCPUQ25PHCPUQ12PRHCPUFor the GT11 <sup>*1</sup> Q25PRHCPUMELSEC-QnA/Q, MELDAS C6*Q3001CPUFor the GT10 <sup>*1</sup> Q2ACPU-S1Q2ACPU-S1Q4ACPUQ4ACPUQ4ACPUQ2ASCPUQ2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASCPU-S1Q2ASHCPU-S1Q2ASHCPU-S1MELDAS C6(FCA C6)MELDAS C6(FCA C6)MELDAS C64		
For the GT16, GT15 <sup>*1*2</sup> MELSEC-QnA/Q/QS, MELDAS C6* Q12PHCPU For the GT11 <sup>*1</sup> Q25PHCPU MELSEC-QnA/Q, MELDAS C6* GS001CPU For the GT10 <sup>*1</sup> MELSEC-QnA/Q Q2ACPU Q2ACPU Q2ACPU Q2ACPU Q2ACPU Q4ACPU Q4ACPU Q4ACPU Q4ACPU Q4ACPU Q2ASCPU Q2ASCPU-S1 Q2ASCPU-S1 Q2ASCPU-S1 Q2ASCPU-S1 MELDAS C6 (FCA C6) MELDAS C6 (FCA C6) MELDAS C64		
For the GT16, GT15 <sup>*1*2</sup> MELSEC-QnA/Q/QS, MELDAS C6* Q12PHCPU For the GT11 <sup>*1</sup> Q25PHCPU MELSEC-QnA/Q, MELDAS C6* GS001CPU For the GT10 <sup>*1</sup> MELSEC-QnA/Q QACPU Q2ACPU Q2ACPU Q2ACPU Q2ACPU Q4ACPU Q4ACPU Q4ACPU Q4ACPU Q2ASCPU S1 MELDAS C6 (FCA C6) MELDAS C64		
For the GT16, GT15 <sup>*172</sup> MELSEC-QnA/Q/QS, MELDAS C6* Q12PHCPU For the GT11 <sup>*1</sup> Q25PHCPU MELSEC-QnA/Q, MELDAS C6* GS001CPU Q2ACPU For the GT10 <sup>*1</sup> MELSEC-QnA/Q Q2ACPU-S1 Q3ACPU Q4ACPU Q4ACPU Q4ACPU Q4ACPU Q2ASCPU-S1 Q2ASCPU-S1 Q2ASCPU-S1 Q2ASCPU-S1 Q2ASCPU-S1 MELDAS C6 (FCA C6) MELDAS C6		
For the GT16, GT15 <sup>*1*2</sup> MELSEC-QnA/Q/QS, MELDAS C6* Q12PRHCPU For the GT11 <sup>*1</sup> Q25PRHCPU MELSEC-QnA/Q, MELDAS C6* G3001CPU Q2ACPU Q2ACPU-S1 Q2ACPU-S1 Q4ACPU Q4ACPU Q4ACPU Q2ASCPU Q2ASCPU-S1 Q2ASCPU-S1 Q2ASHCPU-S1 Q2ASHCPU-S1 MELDAS C6 (FCA C6) MELDAS C64		
MELSEC-QNA/Q/QS, MELDAS C6* Q12PRHCPU  For the GT11*1 Q25PRHCPU Q2ACPU  For the GT10*1 MELSEC-QnA/Q Q2ACPU-S1 Q3ACPU Q4ACPU Q4ACPU Q4ACPU Q4ACPU Q2ASCPU-S1 Q2ASCPU-S1 Q2ASCPU-S1 Q2ASHCPU-S1 MELDAS C6 (FCA C6) MELDAS C64	For the GT16, GT15 <sup>*1*2</sup>	
For the GT11*1Q25PRHCPUMELSEC-QnA/Q, MELDAS C6*QS001CPUFor the GT10*1Q2ACPUMELSEC-QnA/QQ2ACPU-S1Q3ACPUQ4ACPUQ4ACPUQ4ACPUQ4ACPUQ2ASCPUQ2ASCPUQ2ASCPUQ2ASCPU-S1Q2ASHCPUQ2ASHCPUQ2ASHCPUQ2ASHCPU-S1MELDAS C6(FCA C6)MELDAS C64	MELSEC-QnA/Q/QS, MELDAS C6*	
MELSEC-QnA/Q, MELDAS C6* QS001CPU  For the GT10 <sup>*1</sup> Q2ACPU Q2ACPU-S1 Q3ACPU Q4ACPU Q4ACPU Q4ACPU Q4ARCPU Q2ASCPU Q2ASCPU Q2ASCPU Q2ASCPUS1 Q2ASHCPU Q2ASHCPU Q2ASHCPU Q2ASHCPU Q2ASHCPU Q2ASHCPU Q2ASHCPU Q2ASHCPU Q2ASHCPU Q2ASHCPUS1 MELDAS C6 (FCA C6) MELDAS C64	For the GT11 <sup>*1</sup>	
For the GT10 <sup>*1</sup> MELSEC-QnA/Q Q2ACPU-S1 Q3ACPU Q4ACPU Q4ACPU Q4ACPU Q4ARCPU Q2ASCPU Q2ASCPU Q2ASCPUS1 Q2ASHCPU Q2ASHCPU Q2ASHCPU Q2ASHCPU Q2ASHCPUS1 MELDAS C6 (FCA C6) MELDAS C64		
For the G110 <sup>-1</sup> MELSEC-QnA/Q         Q3ACPU         Q3ACPU         Q4ACPU         Q4ACPU         Q4ARCPU         Q2ASCPU         Q2ASCPU-S1         Q2ASHCPU         Q2ASHCPU-S1         MELDAS C6         (FCA C6)         MELDAS C64		
Q3ACPU Q4ACPU Q4ARCPU Q2ASCPU Q2ASCPU Q2ASCPU-S1 Q2ASHCPU Q2ASHCPU-S1 MELDAS C6 (FCA C6) MELDAS C64		
Q4ACPU Q4ARCPU Q2ASCPU Q2ASCPU-S1 Q2ASHCPU Q2ASHCPU Q2ASHCPU-S1 MELDAS C6 (FCA C6) MELDAS C64	MELSEC-QnA/Q	
Q4ARCPU Q2ASCPU Q2ASCPU-S1 Q2ASHCPU Q2ASHCPU-S1 MELDAS C6 (FCA C6) MELDAS C64		
Q2ASCPU Q2ASCPU-S1 Q2ASHCPU Q2ASHCPU-S1 MELDAS C6 (FCA C6) MELDAS C64		
Q2ASCPU-S1 Q2ASHCPU Q2ASHCPU-S1 MELDAS C6 (FCA C6) MELDAS C64		
Q2ASHCPU Q2ASHCPU-S1 MELDAS C6 (FCA C6) MELDAS C64		
Q2ASHCPU-S1 MELDAS C6 (FCA C6) MELDAS C64		
MELDAS C6 (FCA C6) MELDAS C64		
(FCA C6) MELDAS C64		
MELDAS C64		
		<u> </u>

F	=X <sub>0</sub>
F	=X <sub>0S</sub>
F	=X <sub>0N</sub>
F	FX1
F	FX2
F	FX <sub>2C</sub>
	FX1s
MELSEC-FX F	FX1N
F	FX <sub>2N</sub>
F	FX1NC
F	FX2NC
F	FX3G
F	FX3U
F	FX3uc
MELSERVO-J2M-P8A	MELSERVO-J2M-P8A
MELSERVO-J2M-*DU N	MELSERVO-J2M-*DU
MELSERVO-J2S-*A	MELSERVO-J2S-*A
MELSERVO-J2S-*CP	MELSERVO-J2S-*CP
MELSERVO-J2S-*CL N	MELSERVO-J2S-*CL
MELSERVO-J3-*A	MELSERVO-J3-*A
MELSERVO-J3-*T	MELSERVO-J3-*T
F	FREQROL-S500
F	FREQROL-S500E
F	FREQROL-E500
F	FREQROL-F500
F	FREQROL-F500L
F	FREQROL-F500J
FREQROL 500/700 Series F	FREQROL-A500
F	FREQROL-A500L
F	FREQROL-V500
F	FREQROL-V500L
F	FREQROL-E700
F	FREQROL-F700
F	FREQROL-A700

\*1 When using the multiple CPU system

When using the GOT to monitor a multiple CPU system of an other station, select [MELSEC-Q(Multi)/Q-Motion] for the type regardless of the host PLC CPU type.

\*2 When connecting to a remote I/O station in the MELSECNET/H network system, set the type to [MELSECQnA/ Q/QS, MELDAS C6 \*].

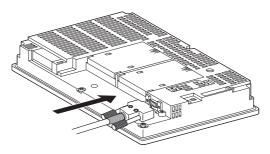
# 9.2 Connecting the Cable

## POINT, .

Precautions for connecting the cable Shut off all phases of the GOT power supply before connecting the cable.

#### How to connect the cable

- (1) How to connect the RS-232 cable
  - (a) For the GT155 □
  - When connecting to the RS-232 interface

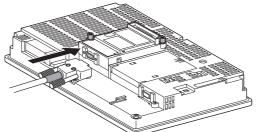


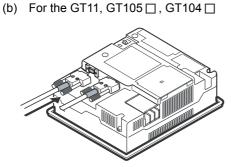
Connect the RS-232 cable to the GOT RS-232 interface.

Connect the RS-232 cable to the GOT RS-232

communication unit.

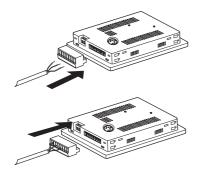
· When connecting to the RS-232 communication unit





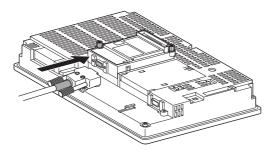
Connect the RS-232 cable to the GOT RS-232 interface.

(c) GT1030, GT1020 (For the RS-232 interface built-in product)



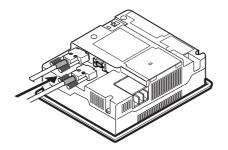
- 1. Connect the RS-232 cable to the terminal block packed together with the GOT.
- 2. Connect the terminal block to the GOT.

- (1) How to connect the RS-422 cable
  - (a) For the GT155
  - When connecting to the RS-422/485 communication unit



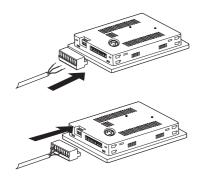
Connect the RS-422 cable to the GOT RS-422/485 communication unit.

(b) For the GT11, GT105  $\Box$  , GT104  $\Box$ 



Connect the RS-422 cable to the GOT RS-422 interface.

(c) GT1030, GT1020 (For the RS-422 interface built-in product)



- 1. Connect the RS-422 cable to the terminal block packed together with the GOT.
- 2. Connect the terminal block to the GOT.

9

# 9.3 Checking for Normal Monitoring

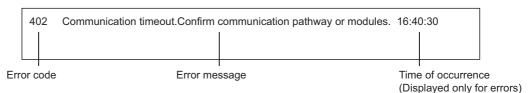
## 9.3.1 Checking on the GOT

#### ■ Check for errors occurring in the GOT (GT15, GT11)

Presetting the system alarm to project data allows you to identify errors that have occurred in the GOT, PLC CPU, servo amplifier and communications.

For details on the system alarm, refer to the following manual.





#### ■ Execute an I/O check (GT15, GT11)

The I/O check is a function which checks whether a GOT and PLC can communicate with each other. If this check ends normally, it indicates correct communication interface settings and proper cable connection. Select [Main menu]  $\rightarrow$  [Debug & self check]  $\rightarrow$  [Self check]  $\rightarrow$  [I/O check] to display the I/O check screen.

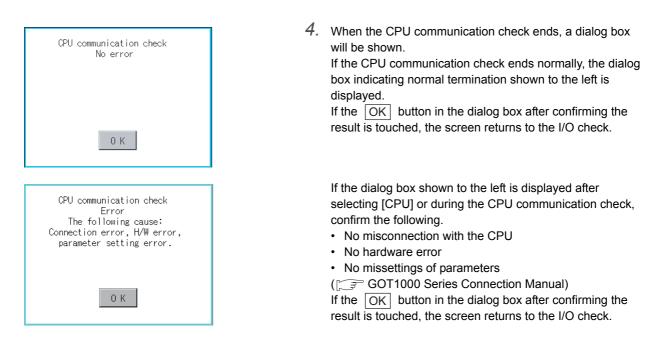
For details on the I/O check, refer to the following manual.

GT 🛛 User's Manual

Debug/self check	k::1/0 check 🛛 🛛
Please select c	heck channel.
1:RS422	CPU
0:RS232	Self

CPU	communication check Executing now	

- 1. As a preparatory step for the CPU communication check, perform the following items.
  - Writing [Communication driver]: Use GT Designer3 to write.
  - Setting [Communication Settings]: Use GT Designer3 to set and write.
  - Connecting connection device: Connect a PLC to the communication interface for which the CPU communication check is applied in order to start the communication.
     (Check that the power is on or if any error has occurred.)
- 2. If the <u>CPU</u> button is touched, the CPU communication check is executed.
- After the CPU communication starts normally, the dialog box shown to the left indicates communication is being checked, until the CPU communication check ends normally.



#### Communication monitoring function (GT10)

The communication monitoring is a function which checks whether a GOT and PLC can communicate with each other.

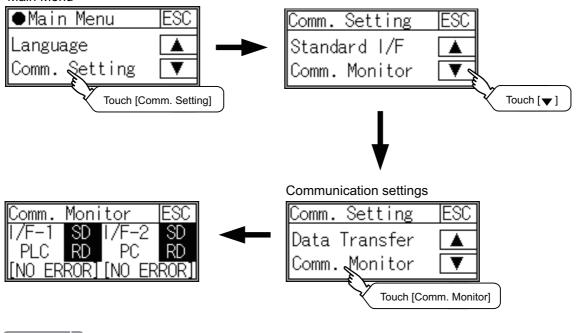
If this check ends normally, it indicates correct communication interface settings and proper cable connection. Select [Main menu]  $\rightarrow$  [Comm. Setting]  $\rightarrow$  [Comm. Monitor] to display the communication monitoring function screen.

For details on the communication monitoring function, refer to the following manual.

GT10 User's Manual

(Operation of communication monitoring function screen)





## POINT,

When the numerical keypad is not displayed for a touch switch, Numerical Input or ASCII Input

If the display size for a touch switch, Numerical Input or ASCII Input is small, the numerical keypad may not be displayed even if these objects are pressed.

When it is not displayed, change the display position or display size of the objects.

# **REPLACEMENT GUIDANCE**

JY997D39301A

# MITSUBISHI ELECTRIC CORPORATION

HEAD OFFICE : TOKYO BUILDING, 2-7-3 MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN HIMEJI WORKS : 840, CHIYODA CHO, HIMEJI, JAPAN

When exported from Japan, this manual does not require application to the Ministry of Economy, Trade and Industry for service transaction permission.

Specifications are subject to change without notice.