

## REPLACEMENT GUIDANCE

(For GOT1000 series)

GOT-F900 Series  
A950 Handy Series



**GOT1000 Series**

GOT-F900 Series  
A950 Handy Series



**GOT1000 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.

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## REVISIONS

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

## ■ ABBREVIATIONS AND GENERIC TERMS

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

Abbreviations and generic terms			Description
GOT1000 Series	GT SoftGOT1000		Abbreviation of GT SoftGOT1000
	GT1595	GT1595-X	Abbreviation of GT1595-XTBA, GT1595-XTBD
	GT1585	GT1585V-S	Abbreviation of GT1585V-STBA
		GT1585-S	Abbreviation of GT1585-STBA, GT1585-STBD
	GT157□	GT1575V-S	Abbreviation of GT1575V-STBA
		GT1575-S	Abbreviation of GT1575-STBA, GT1575-STBD
		GT1575-V	Abbreviation of GT1575-VTBA, GT1575-VTBD
		GT1575-VN	Abbreviation of GT1575-VNBA, GT1575-VNBD
		GT1572-VN	Abbreviation of GT1572-VNBA, GT1572-VNBD
	GT156□	GT1565-V	Abbreviation of GT1565-VTBA, GT1565-VTBD
		GT1562-VN	Abbreviation of GT1562-VNBA, GT1562-VNBD
	GT155□	GT1555-V	Abbreviation of GT1555-VTBD
		GT1555-Q	Abbreviation of GT1555-QTBD, GT1555-QSBD
		GT1550-Q	Abbreviation of GT1550-QLBD
	GT15□□, GT15		Abbreviation of GT1595, GT1585, GT157□, GT156□, GT155□
	GT115□	GT1155-Q	Abbreviation of GT1155-QTBDQ, GT1155-QSBDQ, GT1155-QTBDA, GT1155-QSBDA, GT1155-QTBD, GT1155-QSBD
		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
	GT105□	GT1055-Q	Abbreviation of GT1055-QSBD
		GT1050-Q	Abbreviation of GT1050-QBBD
	GT104□	GT1045-Q	Abbreviation of GT1045-QSBD
		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
GOT-F900 Series	F940WGOT	Abbreviation of F940WGOT-TWD	
	F94□GOT	F940GOT	Abbreviation of F940GOT-SWD, F940GOT-LWD, F940GOT-SBD-H, F940GOT-LBD-H, F940GOT-SBD-RH, F940GOT-LBD-RH
		F943GOT	Abbreviation of F943GOT-SWD, F943GOT-LWD, F943GOT-SBD-H, F943GOT-LBD-H, F943GOT-SBD-RH, F943GOT-LBD-RH
	F93□GOT	F930GOT	Abbreviation of F930GOT-BWD, F930GOT-BBD-K
		F933GOT	Abbreviation of F933GOT-BWD
	F92□GOT	F920GOT	Abbreviation of F920GOT-BBD-K, F920GOT-BBD5-K
GOT-A900 Series	A95□GOT	A950GOT	Abbreviation of A950GOT-LBD-M3-H, A950GOT-SBD-M3-H
		A953GOT	Abbreviation of A953GOT-LBD-M3-H, A953GOT-SBD-M3-H

# 1. REPLACEMENT MODEL SUMMARY

## 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.

Type	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
Mounted on panel (with keypad <sup>*1</sup> )	F920GOT-BBD5-K	GT1030-LBLW	×	N/A
	F920GOT-BBD5-K-C			
	F920GOT-BBD5-K-E			
	F920GOT-BBD-K	GT1030-LBDW	×	N/A
	F920GOT-BBD-K-E			
	F920GOT-BBD-K-C			
	F930GOT-BBD-K	GT1040-QBBD	×	N/A
	F930GOT-BBD-K-E			
	F930GOT-BBD-K-C			
Mounted on panel	F930GOT-BWD	GT1030-LWDW	○	Not required
	F930GOT-BWD-C			
	F930GOT-BWD-E			
	F930GOT-BWD-T			
	F933GOT-BWD	GT1030-LWDW2	○	Not required
	F940GOT-LWD	GT1050-QBBD	○	Not required
	F940GOT-LWD-C			
	F940GOT-LWD-E			
	F940GOT-SWD	GT1055-QSBD	○	Not required
	F940GOT-SWD-C			
	F940GOT-SWD-E			
	F943GOT-LWD	GT1050-QBBD	○	Not required
	F943GOT-SWD	GT1055-QSBD	○	Not required
	F940WGOT-TWD	GT1155-QTBD GT1555-VTBD <sup>*2,3</sup>	△	GT15-50ATT-95W <sup>*4</sup>
	F940WGOT-TWD-C			
	F940WGOT-TWD-E			

\*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.

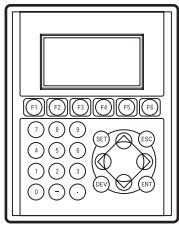
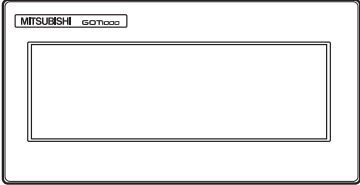
\*3 The current consumption increases. Check if the supply capacity of the power supply device before replacement is sufficient.

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

Type	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
Handy	F940GOT-LBD-H	GT1150HS-QLBD	N/A	N/A
	F940GOT-LBD-H-E			
	F940GOT-LBD-RH			
	F940GOT-LBD-RH-E			
	F940GOT-SBD-H	GT1155HS-QSBD	N/A	N/A
	F940GOT-SBD-H-E			
	F940GOT-SBD-RH			
	F940GOT-SBD-RH-E			
	F943GOT-LBD-H	GT1150HS-QLBD	N/A	N/A
	F943GOT-LBD-H-E			
	F943GOT-LBD-RH			
	F943GOT-LBD-RH-E			
	F943GOT-SBD-H	GT1155HS-QSBD	N/A	N/A
	F943GOT-SBD-H-E			
	F943GOT-SBD-RH			
	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

## 1.2 Comparison of Specifications

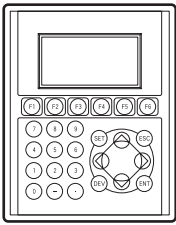
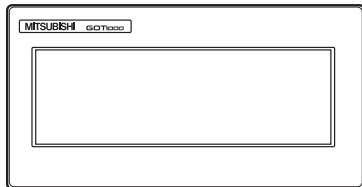
### 1.2.1 Comparison between F920GOT-BBD5-K,(-C),(-E) and GT1030-LBLW

Item		F920GOT-BBD5-K,(-C),(-E)	GT1030-LBLW
External shape			
Conformed standard		<ul style="list-style-type: none"> <li>F920GOT-BBD5-K,(-C): -</li> <li>F920GOT-BBD5-K-E: CE(EMC), UL/cUL</li> </ul>	CE(EMC), UL/cUL
Display section	Type	STN monochrome (white/blue) LCD	STN monochrome (white/black) LCD
	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)
	Display character	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 adjustment	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)
	Max. number of registered screens	500 screens	1024 screens
Backlight	Type	LED (No replacement required) [Auto power off]	LED (No replacement required) [Backlight status (On/Blink/Off) controllable, Screen saving time settable]
	Life	-	-
	Color	White/Red	3 colors (white/pink/red)
Touch panel	Type	-	Matrix resistive film
	Number of touch keys	-	50 keys/screen
	Key size	-	Minimum 16 × 16 dots (per key)
	Number of points touched simultaneously	-	Maximum of 2 points
Memory	User program	For screen data	Built-in flash memory 128 Kbytes
		For other data	EEPROM: For storing built-in alarm history, recipe data, etc. SRAM: For storing built-in alarm history (alarm log file) and recipe data
Battery	Type	-	GT11-50BAT lithium battery
	Backup target	-	Clock data, Alarm history, and Recipe data
	Life	-	Battery life: approx. 5 years (Operating ambient temperature: 25 °C)

Item		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
	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, (-), (.) [Cursor 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)
External dimensions		106(W) × 134(H) × 35.5(D) [mm]	145(W) × 76(H) × 29.5(D) [mm]
Panel cutting dimensions		92(+1 -0)(W) × 119(+1 -0)(H) [mm]	137(+1 -0)(W) × 66(+1 -0)(H) [mm]
Weight (Excluding installation fitting)		0.3 kg	0.3 kg

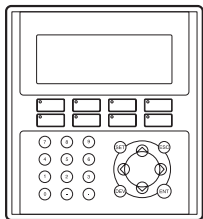
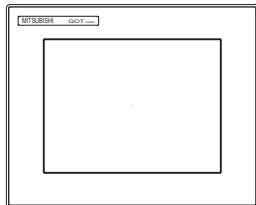


## 1.2.2 Comparison between F920GOT-BBD-K,(-C),(-E) and GT1030-LBDW

Item		F920GOT-BBD-K,(-C),(-E)	GT1030-LBDW
External shape			
Conformed standard		<ul style="list-style-type: none"> <li>F920GOT-BBD-K,(-C): -</li> <li>F920GOT-BBD-K-E: CE(EMC)</li> </ul>	CE(EMC), UL/cUL
Display section	Type	STN monochrome (white/blue) LCD	STN monochrome (white/black) LCD
	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)
	Display character	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 adjustment	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)
	Max. number of registered screens	500 screens	1024 screens
Backlight	Type	LED (No replacement required) [Auto power off]	LED (No replacement required) [Backlight status (On/Blink/Off) controllable, Screen saving time settable]
	Life	-	-
	Color	White/Red	3 colors (white/pink/red)
Touch panel	Type	-	Matrix resistive film
	Number of touch keys	-	50 keys/screen
	Key size	-	Minimum 16 × 16 dots (per key)
	Number of points touched simultaneously	-	Maximum of 2 points
	Life	-	1,000,000 times or more (operating force 0.98 N max.)
Memory	User program	For screen data	128 Kbytes
		For other data	EEPROM: For storing built-in alarm history, recipe data, etc. SRAM: For storing built-in alarm history (alarm log file) and recipe data
Battery	Type	-	GT11-50BAT lithium battery
	Backup target	-	Clock data, Alarm history, and Recipe data
	Life	-	Battery life: approx. 5 years (Operating ambient temperature: 25 °C)

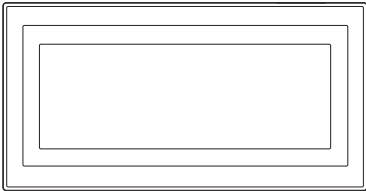
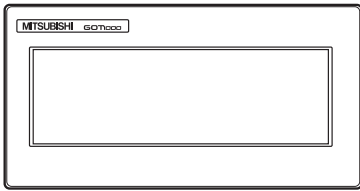
Item		F920GOT-BBD-K,(-C),(-E)	GT1030-LBDW
Built-in interface	RS-422/485 (Common)	-	[H/W version: B or later] RS-422/485, 1ch Connector shape: Connector terminal block 9 pins, Application: PLC communication Terminating resistor: Open/110 $\Omega$ /330 $\Omega$ (Switched by terminator switch) [H/W version: A] RS-422, 1ch Connector shape: Connector terminal block 9 pins, Application: PLC communication
	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, (-), (.) [Cursor 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)
External dimensions		106(W) × 134(H) × 35.5(D) [mm]	145(W) × 76(H) × 29.5(D) [mm]
Panel cutting dimensions		92(+1 -0)(W) × 119(+1 -0)(H) [mm]	137(+1 -0)(W) × 66(+1 -0)(H) [mm]
Weight (Excluding installation fitting)		0.3 kg	0.3 kg

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

Item			F930GOT-BBD-K,(-C),(-E)	GT1040-QBBD
External shape				
Conformed standard			<ul style="list-style-type: none"> <li>F930GOT-BBD-K,(-C): -</li> <li>F930GOT-BBD-K-E: CE(EMC), UL/cUL</li> </ul>	CE(EMC), UL/cUL
Display section	Type	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 × 15 lines (Horizontal format) 12dot standard font: 53 characters × 20 lines (Horizontal format)
	Display color	Monochrome (white/blue)		Monochrome (white/blue) 16-tone
	Display angle	Left/Right: 30 degrees, Top: 20 degrees, Bottom: 30 degrees		Left/Right: 45 degrees, Top: 20 degrees, Bottom: 40 degrees (Horizontal format)
	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 °C)
	Max. number of registered screens	500 screens		1024 screens
Backlight	Type	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
Touch panel	Type	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)
	Number of points touched simultaneously	Maximum of 2 points		Maximum of 2 points
Memory	User program	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
Battery	Type	FX2NC-32BL lithium battery		GT11-50BAT lithium battery
	Backup target	Clock data, Alarm history, and Recipe data		Clock data, Alarm history, and Recipe data
	Life	Battery life: approx. 3 years		Battery life: approx. 5 years (Operating ambient temperature: 25 °C)

Item		F930GOT-BBD-K,(-C),(-E)	GT1040-QBBD
Built-in interface	RS-422/485 (Common)	-	RS-422/485, 1ch Connector shape: D-sub 9 pins (Female), Application: Controller communication Terminating resistor: Open/110 $\Omega$ /330 $\Omega$ (Switched by terminator switch)
	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: 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, (-), (.) [Cursor 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]
Panel cutting dimensions		155(+1 -0)(W) × 170(+1 -0)(H) [mm]	130(+1 -0)(W) × 103(+1 -0)(H) [mm]
Weight (Excluding installation fitting)		0.6 kg	0.45 kg

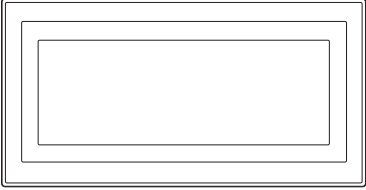
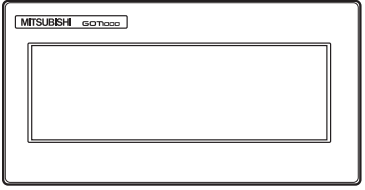
## 1.2.4 Comparison between F930GOT-BWD,(-C),(-E),(-T) and GT1030-LWDW

Item		F930GOT-BWD,(-C),(-E),(-T)	GT1030-LWDW
External shape			
Conformed standard		<ul style="list-style-type: none"> <li>F930GOT-BWD,(-C),(-T): -</li> <li>F930GOT-BWD-E: CE(EMC), UL/cUL</li> </ul>	CE(EMC), UL/cUL
Display section	Type	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)
	Display angle	Left/Right: 30 degrees, Top: 20 degrees, Bottom: 30 degrees	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 °C)	Approx. 50,000 h (Operating ambient temperature: 25 °C)
	Max. number of registered screens	500 screens	1024 screens
Backlight	Type	Cold cathode fluorescent tube (Replaceable) [Auto power off]	Backlight status (On/Blink/Off) controllable, Screen saving time settable
	Life	50,000 h or more (Operating ambient temperature: 25 °C)	-
	Color	White	3-color LED (white/pink/red) (No replacement required)
Touch panel	Type	Matrix resistive film	Matrix resistive film
	Number of touch keys	50 keys/screen	50 keys/screen
	Key size	Minimum 16 × 16 dots (per key)	Minimum 16 × 20 dots (per key)
	Number of points touched simultaneously	Maximum of 2 points	Maximum of 2 points
Memory	User program	For screen data	Built-in flash memory 256 Kbytes
		For other data	Built-in SRAM: For storing alarm history and recipe data
Battery	Type	FX2NC-32BL lithium battery	GT11-50BAT lithium battery
	Backup target	Clock data, Alarm history, and Recipe data	Clock data, Alarm history, and Recipe data
	Life	Battery life: approx. 3 years	Battery life: approx. 5 years (Operating ambient temperature: 25 °C)

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 $\Omega$ /330 $\Omega$ (Switched by terminator switch) [H/W version: A] RS-422, 1ch Connector shape: Connector terminal block 9 pins, Application: PLC communication
	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) $\times$ 75(H) $\times$ 49(D) [mm]	145(W) $\times$ 76(H) $\times$ 29.5(D) [mm]
Panel cutting dimensions		137(+1 -0)(W) $\times$ 66(+1 -0)(H) [mm]	137(+1 -0)(W) $\times$ 66(+1 -0)(H) [mm]
Weight (Excluding installation fitting)		0.3 kg	0.3 kg

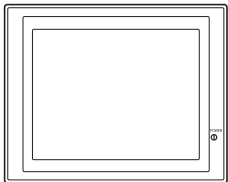
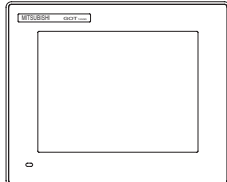


## 1.2.5 Comparison between F933GOT-BWD and GT1030-LWDW2

Item		F933GOT-BWD	GT1030-LWDW2
External shape			
Conformed standard		-	CE(EMC), UL/cUL
Display section	Type	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)
	Display angle	Left/Right: 30 degrees, Top: 20 degrees, Bottom: 30 degrees	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 °C)	Approx. 50,000 h (Operating ambient temperature: 25 °C)
	Max. number of registered screens	500 screens	1024 screens
Backlight	Type	Cold cathode fluorescent tube (Replaceable) [Auto power off]	Backlight status (On/Blink/Off) controllable, Screen saving time settable
	Life	50,000 h or more (Operating ambient temperature: 25 °C)	-
	Color	White	3-color LED (white/pink/red) (No replacement required)
Touch panel	Type	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)
	Number of points touched simultaneously	Maximum of 2 points	Maximum of 2 points
Memory	User program	For screen data	Built-in flash memory 256 Kbytes
		For other data	Built-in SRAM: For storing alarm history and recipe data
Battery	Type	FX2NC-32BL lithium battery	GT11-50BAT lithium battery
	Backup target	Clock data, Alarm history, and Recipe data	Clock data, Alarm history, and Recipe data
	Life	Battery life: approx. 3 years	Battery life: approx. 5 years (Operating ambient temperature: 25 °C)
Built-in interface	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)

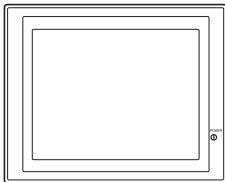
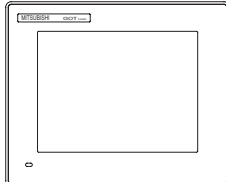
Item	F933GOT-BWD	GT1030-LWDW2
Protective structure	Equivalent to IP65f (Front section)	Equivalent to IP67f (Front section)
External dimensions	146(W) × 75(H) × 49(D) [mm]	145(W) × 76(H) × 29.5(D) [mm]
Panel cutting dimensions	137(+1 -0)(W) × 66(+1 -0)(H) [mm]	137(+1 -0)(W) × 66(+1 -0)(H) [mm]
Weight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

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

Item		F940GOT-LWD,(-C),(-E)	F943GOT-LWD	GT1050-QBBD
External shape				
Conformed standard		<ul style="list-style-type: none"> <li>F940GOT-LWD,(-C): -</li> <li>F940GOT-LWD-E: CE(EMC), UL/cUL</li> </ul>	-	Compliant with CE(EMC) and UL/cUL
Display section	Type	STN monochrome (white/black) LCD	STN monochrome (white/black) LCD	STN monochrome (white/blue) 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)
	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)
	Display color	Monochrome (white/black)	Monochrome (white/black)	Monochrome (white/blue) 16-tone
	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 (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
Backlight	Type	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]
	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
Touch panel	Type	Matrix resistive film	Matrix resistive film	Matrix resistive film
	Number of touch keys	50 keys/screen	50 keys/screen	50 keys/screen
	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
Memory	User program	For screen data	Built-in flash memory 512 Kbytes	Built-in flash memory 512 Kbytes
		For other data	Built-in flash memory 3 Mbytes	Built-in flash memory 3 Mbytes
		For screen 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
		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

Item		F940GOT-LWD,(-C),(-E)	F943GOT-LWD	GT1050-QBBD
Battery	Type	PM-20BL lithium battery	PM-20BL 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
	Life	Battery life: approx. 5 years	Battery life: approx. 5 years	Battery life: approx. 5 years (Operating ambient temperature: 25 °C)
Built-in interface	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
	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, 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
Buzzer output		Single tone	Single tone	Single tone (Long/Short/Off adjustable)
Protective structure		Equivalent to IP65f (Front section)	Equivalent to IP65f (Front section)	IP67f (Front section)
External dimensions		162(W) × 130(H) × 57(D) [mm]	162(W) × 130(H) × 57(D) [mm]	164(W) × 135(H) × 56(D) [mm]
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]
Weight (Excluding installation fitting)		0.9 kg	0.9 kg	0.7 kg

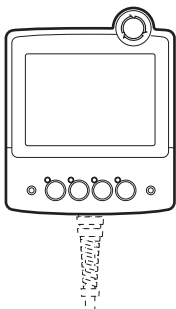
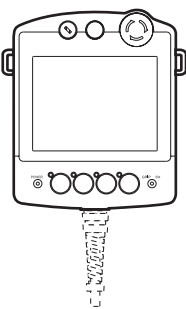
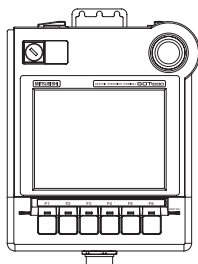
## 1.2.7 Comparison between F940GOT-SWD,(-C),(-E)/F943GOT-SWD and GT1055-QSBD

Item		F940GOT-SWD,(-C),(-E)	F943GOT-SWD	GT1055-QSBD
External shape				
Conformed standard		<ul style="list-style-type: none"> <li>F940GOT-SWD,(-C): -</li> <li>F940GOT-SWD-E: CE(EMC), UL/cUL</li> </ul>	-	Compliant with CE(EMC) and UL/cUL
Display section	Type	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)
	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)
	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	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
Backlight	Type	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]
	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
Touch panel	Type	Matrix resistive film	Matrix resistive film	Matrix resistive film
	Number of touch keys	50 keys/screen	50 keys/screen	50 keys/screen
	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
Memory	User program	For screen data	Built-in flash memory 512 Kbytes	Built-in flash memory 512 Kbytes
		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

Item		F940GOT-SWD,(-C),(-E)	F943GOT-SWD	GT1055-QSBD
Battery	Type	PM-20BL lithium battery	PM-20BL 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
	Life	Battery life: approx. 5 years	Battery life: approx. 5 years	Battery life: approx. 5 years (Operating ambient temperature: 25 °C)
Built-in interface	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
	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, 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)
Protective structure		Equivalent to IP65f (Front section)	Equivalent to IP65f (Front section)	IP67f (Front section)
External dimensions		162(W) × 130(H) × 57(D) [mm]	162(W) × 130(H) × 57(D) [mm]	164(W) × 135(H) × 56(D) [mm]
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]
Weight (Excluding installation fitting)		0.9 kg	0.9 kg	0.7 kg

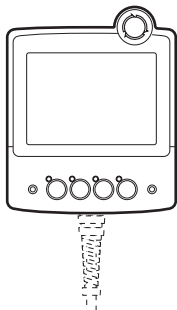
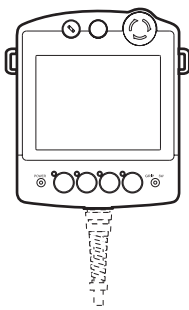
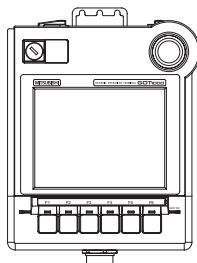


## 1.2.8 Comparison between F940GOT-LBD-H,(-E)/RH,(-E) and GT1150HS-QLBD

Item			F940GOT-LBD-H,(-E)	F940GOT-LBD-RH,(-E)	GT1150HS-QLBD
External shape					
Conformed standard			<ul style="list-style-type: none"> <li>F940GOT-LBD-H: -</li> <li>F940GOT-LBD-H-E: CE(EMC)</li> </ul>	<ul style="list-style-type: none"> <li>F940GOT-LBD-RH: -</li> <li>F940GOT-LBD-RH-E: CE(EMC)</li> </ul>	CE(EMC), UL/cUL
Display section	Type		STN monochrome (white/black) LCD	STN monochrome (white/black) LCD	STN monochrome (white/black) 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		Monochrome (white/black)	Monochrome (white/black)	Monochrome (white/black) 16-tone
	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
	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	Type		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]
	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
Touch panel	Type		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
Memory	User program	For screen data	Built-in flash memory 512 Kbytes	Built-in flash memory 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, recipe data, and sampling data

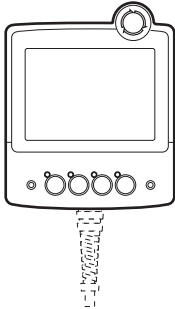
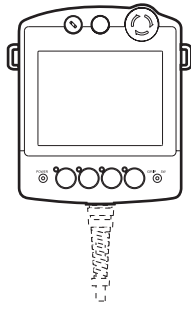
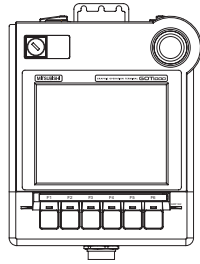
Item		F940GOT-LBD-H <sub>1</sub> (-E)	F940GOT-LBD-RH <sub>1</sub> (-E)	GT1150HS-QLBD
Battery	Type	FX2NC-32BL lithium battery	FX2NC-32BL lithium battery	GT11-50BAT lithium battery
	Backup target	Clock data, Alarm history, Recipe data, and Sampling data	Clock data, Alarm history, Recipe data, and Sampling data	Clock data, Alarm history, and Recipe data
	Life	Battery life reference: approx. 3 years	Battery life reference: approx. 3 years	Battery life reference: approx. 5 years (Operating ambient temperature: 25 °C)
Built-in interface	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	-
	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	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 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)
Protective structure		Equivalent to IP54	Equivalent to IP54	Equivalent to IP65f
External dimensions		156(W) × 191(H) × s63.5(D) [mm]	176(W) × 220(H) × 93(D) [mm]	176(W) × 220(H) × 93(D) [mm]
Weight (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				
Conformed standard		<ul style="list-style-type: none"> <li>F943GOT-LBD-H: -</li> <li>F943GOT-LBD-H-E: CE(EMC)</li> </ul>	<ul style="list-style-type: none"> <li>F943GOT-LBD-RH: -</li> <li>F943GOT-LBD-RH-E: CE(EMC)</li> </ul>	CE(EMC), UL/cUL
Display section	Type	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
	Display color	Monochrome (white/black)	Monochrome (white/black)	Monochrome (white/black) 16-tone
	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
	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	Type	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]
	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
Touch panel	Type	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
Memory	User program	For screen data	Built-in flash memory 512 Kbytes	Built-in flash memory 512 Kbytes
		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

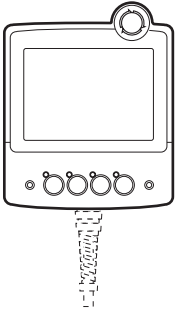
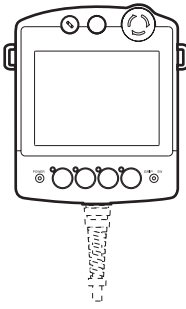
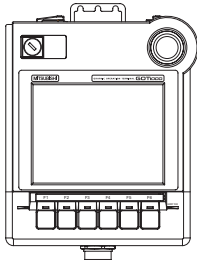
Item		F943GOT-LBD-H <sub>1</sub> (-E)	F943GOT-LBD-RH <sub>1</sub> (-E)	GT1150HS-QLBD
Battery	Type	FX2NC-32BL lithium battery	FX2NC-32BL lithium battery	GT11-50BAT lithium battery
	Backup target	Clock data, Alarm history, Recipe data, and Sampling data	Clock data, Alarm history, Recipe data, and Sampling data	Clock data, Alarm history, and Recipe data
	Life	Battery life reference: approx. 3 years	Battery life reference: approx. 3 years	Battery life reference: approx. 5 years (Operating ambient temperature: 25 °C)
Built-in interface	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
	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	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 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)
Protective structure		Equivalent to IP54	Equivalent to IP54	JEM1030 IP65f
External dimensions		156(W) × 191(H) × 63.5(D) [mm]	176(W) × 191(H) × 69.5(D) [mm]	176(W) × 220(H) × 93(D) [mm]
Weight (Main unit only)		0.79 kg	0.87 kg	1.0 kg

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

Item		F940GOT-SBD-H,(-E)	F940GOT-SBD-RH,(-E)	GT1155HS-QSBD
External shape				
Conformed standard		<ul style="list-style-type: none"> <li>F940GOT-SBD-H: -</li> <li>F940GOT-SBD-H-E: CE(EMC)</li> </ul>	<ul style="list-style-type: none"> <li>F940GOT-SBD-RH: -</li> <li>F940GOT-SBD-H-E: CE(EMC)</li> </ul>	CE(EMC), UL/cUL
Display section	Type	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 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	Type	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]
	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
Touch panel	Type	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
Memory	For screen data	Built-in flash memory 512 Kbytes	Built-in flash memory 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

Item		F940GOT-SBD-H,(-E)	F940GOT-SBD-RH,(-E)	GT1155HS-QSBD
Battery	Type	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
	Life	Battery life reference: approx. 3 years	Battery life reference: approx. 3 years	Battery life reference: approx. 5 years (Operating ambient temperature: 25 °C)
Built-in interface	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	-
	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	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 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)
Protective structure		Equivalent to IP54	Equivalent to IP54	Equivalent to IP65f
External dimensions		156(W) × 191(H) × 63.5(D) [mm]	176(W) × 191(H) × 69.5(D) [mm]	176(W) × 220(H) × 93(D) [mm]
Weight (Main unit only)		0.79 kg	0.87 kg	1.0 kg

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

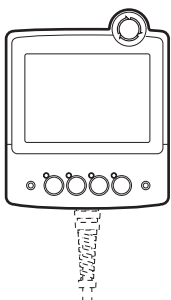
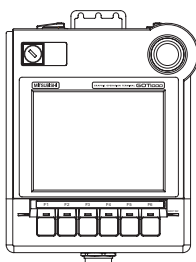
Item		F943GOT-SBD-H,(-E)	F943GOT-SBD-RH,(-E)	GT1155HS-QSBD
External shape				
Conformed standard		<ul style="list-style-type: none"> <li>F943GOT-SBD-H: -</li> <li>F943GOT-SBD-H-E: CE(EMC)</li> </ul>	<ul style="list-style-type: none"> <li>F943GOT-SBD-RH: -</li> <li>F943GOT-SBD-RH-E: CE(EMC)</li> </ul>	CE(EMC), UL/cUL
Display section	Type	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 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 °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	Type	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]
	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
Touch panel	Type	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
Memory	User program	For screen data	512 Kbytes	512 Kbytes
	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 flash memory 3 Mbytes Built-in SRAM: For storing alarm history (alarm log file) and recipe data



Item		F943GOT-SBD-H,(-E)	F943GOT-SBD-RH,(-E)	GT1155HS-QSBD
Battery	Type	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
	Life	Battery life: approx. 3 years	Battery life: approx. 3 years	Battery life: approx. 5 years (Operating ambient temperature: 25 °C)
Built-in interface	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-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
	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	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 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)
Protective structure		Equivalent to IP54	Equivalent to IP54	Equivalent to IP65f
External dimensions		156(W) × 191(H) × 63.5(D) [mm]	176(W) × 191(H) × 69.5(D) [mm]	176(W) × 220(H) × 93(D) [mm]
Weight (Main unit only)		0.79 kg	0.87 kg	1.0 kg

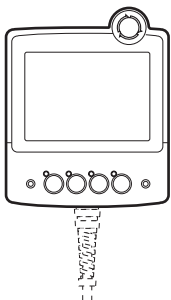
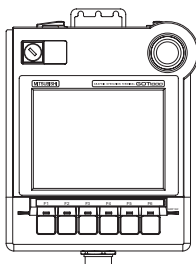


## 1.2.12 Comparison between A950/953GOT-LBD-M3-H and GT1150HS-QLBD

Item		A950GOT-LBD-M3-H	A953GOT-LBD-M3-H	GT1150HS-QLBD
External shape				
Conformed standard		UL/cUL	UL/cUL	CE(EMC), UL/cUL
Display section	Type	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
	Display color	Monochrome (white/black)	Monochrome (white/black)	Monochrome (white/black) 16-tone
	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
	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)
	Max. number of registered screens	4096 screens	4096 screens	4096 screens
Backlight	Type	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]
	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
Touch panel	Type	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)
	Number of points touched simultaneously	Maximum of 2 points	Maximum of 2 points	Maximum of 2 points
Memory	User memory	For screen data	Built-in flash memory 3 Mbytes	Built-in flash memory 3 Mbytes
		For other data	-	Built-in SRAM: For storing alarm history, recipe data, and sampling data

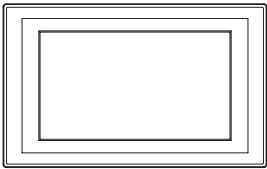
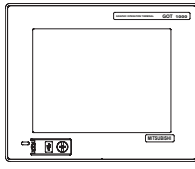
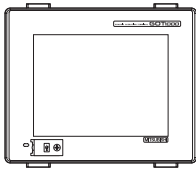
Item		A950GOT-LBD-M3-H	A953GOT-LBD-M3-H	GT1150HS-QLBD
Battery	Type	-	-	GT11-50BAT lithium battery
	Backup target	-	-	Clock data, Alarm history, and Recipe data
	Life	-	-	Battery life reference: approx. 5 years (Operating ambient temperature: 25 °C)
Built-in interface	RS-422/232 (Common)	-	-	RS-422/232, 1ch each (Select one of them when used): For PLC communication
	RS-422	RS-422, 1ch, For PLC communication	-	-
	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	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 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)
Protective structure		Equivalent to IP54	Equivalent to IP54	Equivalent to IP65f
External dimensions		156(W) × 191(H) × 63.5(D) [mm]	156(W) × 191(H) × 63.5(D) [mm]	176(W) × 220(H) × 93(D) [mm]
Weight (Main unit only)		0.8 kg	0.8 kg	1.0 kg

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

Item		A950GOT-SBD-M3-H	A953GOT-SBD-M3-H	GT1155HS-QSBD
External shape				
Conformed standard		UL/cUL	UL/cUL	CE(EMC), UL/cUL
Display section	Type	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 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 °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
Backlight	Type	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]
	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)
	Color	White	White	White
Touch panel	Type	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)
	Number of points touched simultaneously	Maximum of 2 points	Maximum of 2 points	Maximum of 2 points
Memory	User memory			
	For screen data	Built-in flash memory 3 Mbytes	Built-in flash memory 3 Mbytes	Built-in flash memory 3 Mbytes
	For other data	-	-	Built-in SRAM: For storing alarm history (alarm log file) and recipe data

Item		A950GOT-SBD-M3-H	A953GOT-SBD-M3-H	GT1155HS-QSBD
Battery	Type	-	-	GT11-50BAT lithium battery
	Backup target	-	-	Clock data, Alarm history, and Recipe data
	Life	-	-	Battery life reference: approx. 5 years (Operating ambient temperature: 25 °C)
Built-in interface	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-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	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 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)
Protective structure		Equivalent to IP54	Equivalent to IP54	Equivalent to IP65f
External dimensions		156(W) × 191(H) × 63.5(D) [mm]	156(W) × 191(H) × 63.5(D) [mm]	176(W) × 220(H) × 93(D) [mm]
Weight (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
External shape				
Conformed standard		<ul style="list-style-type: none"> <li>F940WGOT-TWD,(-C): -</li> <li>F940WGOT-TWD-E: CE(EMC), UL/cUL</li> </ul>	CE(EMC), UL/cUL	CE(EMC), UL/cUL
Display section	Type	TFT color LCD	TFT color LCD	TFT color LCD (high intensity, wide angle view)
	Screen size	7"	5.7"	5.7"
	Resolution	480 × 234 dots	QVGA: 320 × 240 dots	VGA: 640 × 480 dots
	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	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
	Display color	256 colors	256 colors	65536 colors
	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)
	Max. number of registered screens	500 screens	4096 screens	4096 screens
Backlight	Type	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]
	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
Touch panel	Type	Matrix resistive film	Matrix resistive film	Matrix resistive film
	Number 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 simultaneously	Maximum of 2 points	Maximum of 2 points	Maximum of 2 points
Memory	For screen data	Built-in flash memory 1 Mbytes	Built-in flash memory 3 Mbytes	Built-in flash memory 9 Mbytes
	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	-

Item		F940GOT-TWD,(-C),(-E)	GT1155-QTBD	GT1555-VTBD
Battery	Type	PM-20BL lithium battery	GT11-50BAT lithium battery	GT15-BAT lithium battery (Option)
	Backup target	Clock data, Alarm history, Recipe data, and Sampling data	Clock data, Alarm history and Recipe data	Clock data, Maintenance time notification data
	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)
Built-in interface	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
	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
	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)
Protective structure		Equivalent to IP65f (Front section)	IP67f (Front section)	IP67f (Front section)
External 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]
Weight (Excluding 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	Model	
		A95□GOT-□BD-M3-H	GT115□HS-Q□BD
Main unit functions	Indirect specification (Offset device)	○	○
	PC station number switching	○	×
	Touch switch	○	○
	Numeric display	○	○
	ASCII display	○	○
	Numeric input	○	○
	ASCII input	○	○
	Data list display	○	○
	Clock display	○	○
	Comment display	○	○
	Alarm history display	○	○
	Alarm flow display	○	○
	Alarm list display	○	○
	Component display	○	○
	Component movement display	○	○
	Lamp display	○	○
	Trend graph	○	○
	Line graph	○	○
	Locus chart display	○	○
	Scatter graph	○	○
	Bar graph	○	○
	Statistical graph	○	○
	Level display	○	○
	Superimposed window display	○	○
	Overlap window display	○	○
	Screen reading	○	○
	System information	○	○
	Status monitor	○	○
	Password (Security)	○	○
	Recipe	○	○
	Kana-kanji conversion	○	×
	Font change function	×	×

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



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

Class	Function description		Model							Remark	Reference
			F900 Series					GOT1000 Series			
			F940WGOT F94□GOT	F93□ GOT	F930 GOT-K	F920 GOT-K	F94□ Handy GOT	GT10, GT11	GT15		
Text/Figure/Numerical value	Comment display	Word comment	○	○	○	○	○	○	○	-	-
		Bit comment	○	○	○	○	○	○	○	-	-
	ASCII display		○	○	○	○	○	○	○	-	-
	ASCII input		○	○	○	○	○	○	○	-	-
	Bit map display		○	○	○	○	○	○	○	-	-
	Parts display	Bit parts	○	○	○	○	○	○	○	-	-
		Word parts	○	○	○	○	○	○	○	-	-
		Fixed parts	○	○	○	○	○	○	○	-	-
	Lamp display	Bit lamp	○	○	○	○	○	○	○	-	-
		Bit lamp area	○	○	○	○	○	×	×	Not supported. However, an alternative is available.	6.1.21
		Screen lamp	○	○	○	○	○	×	×	Not supported. However, an alternative is available.	6.1.22
		External lamp	×	×	○ <sup>*1</sup>	×	○ <sup>*1</sup>	×	×	Not supported. However, an alternative is available.	6.1.23
	Numerical display		○	○	○	○	○	○	○	-	-
	Numerical input		○	○	○	○	○	○	○	-	-
	Panelmeter		○	○	○	○	○	○	○	-	-
	Date/Time display		○	○	○	○ <sup>*2</sup>	○	○	○	-	-
Graph	Line graph		○	○	○	×	○	○	○	-	-
	Trend graph		○	○	○	×	○	○	○	-	-
	Bar graph		○	○	○	○	○	○	○	-	-
	Circle graph		○	○	○	○	○	×	×	Not supported. However, an alternative is available.	6.1.37
	Statistics graph	Bar graph	○	○	○	×	○	○	○	-	-
		Pie graph	○	○	○	×	○	○	○	-	-
Alarm	Alarm history display		○	○	○	○	○	○	○	-	-
	Alarm list display		○	○	○	○	○	○	○	-	-
	Floating alarm display		○	○	○	○	○	○	○	-	-

Class		Function description	Model						Remark	Reference	
			F900 Series					GOT1000 Series			
			F940WGOT F94□GOT	F93□ GOT	F930 GOT-K	F920 GOT-K	F94□ Handy GOT	GT10, GT11			GT15
Key	Touch switch	○	○	○	×	○	○	○	-	-	
	Function switch	×	×	○	○	×	×	○	Not supported. However, an alternative is available.	6.1.10	
Key Switch function	Bit switch	○	○	○	○	○	○	○	-	-	
	Data set switch	○	○	○	○	○	○	○	-	-	
	Go to screen switch	○	○	○	×	○	○	○	-	-	
	Special function switch	○	○	○	○	○	○	○	-	-	
	Data change switch	○	○	○	○	○	○	○	-	-	
	Recipe transfer switch	○	○	○	×	○	×	×	Not supported. However, an alternative is available.	6.1.18	
	Key code switch	○	○	○	×	○	○	○	-	-	
Operation for conditions	Status observation	○	○	○	○	○	○	○	-	-	
	Time action	○	○	○	○ <sup>*2</sup>	○	○	○	-	-	
	Recipe function	○	○	○	○	○	○	○	-	-	
Others	Security	○	○	○	○	○	○	○	-	-	
	Set overlay screen	○	○	○	○	○	○	○	-	-	
	Printer output	○	○	○	×	×	×	○	-	-	
	Barcode read <sup>*3</sup>	○	○	○	×	×	○	○	-	-	
Debug	Monitor test function	Buffer memory monitor	○	×	×	×	○	×	×	Not supported.	-
		Device monitor	○	○	○	○	○	○	○	-	-
		2 port interface <sup>*4</sup>	○	○	○	○ <sup>*5</sup>	×	○	○	-	-
	Program editor	List program	○	×	×	×	○	○ <sup>*6</sup>	○	-	-

\*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

Programmable controller ↔ GOT connection-compliant		F940WGOT	F940GOT		F930GOT		F930GOT-K
		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)
MITSUBISHI	MELSEC FX Series <sup>*1</sup>	○	○	△ <sup>*3</sup>	○	△ <sup>*3</sup>	○
	MELSEC-A,QnA Series CPU, A motion controller	○	○	×	○	×	○
	MELSEC-Q Series (including multiple CPU) <sup>*2</sup>	○	○	○	○	○	○
	A computer link module QnA, Q serial communication module <sup>*2</sup>	○	○	○	○	○	○
	CC-Link (Q Series) <sup>*2</sup>	×	×	×	×	×	×
	Positioning for FX Series (FX2N-10/20GM)	○	○	○	○	×	○
	MITSUBISHI inverter (FREQROL-A500,E500,S500)	○	○	○	○	×	○
Third party	General equipment (such as Microcomputer board)	○	○	○	○	○	○
	OMRON (SYSMAC)	○	○	○	○	○	○
	FUJI (FLEX-PC N Series)	○	○	○	○	○	○
	PANASONIC (FP Series)	○	○	○	○	○	○
	YASKAWA (Machine controller MP920, MP930, CP9200SH)	○	○	○	○	○	○
	Allen-Bradley (SLC500, MicroLogix Series)	○	○	○	○	○	○
	SIEMENS (SIMATIC S7-200,S7-300 Series)	○	○	○	○	○	○
	Barcode reader and General printer	○	○ <sup>*4</sup>	○ <sup>*4</sup>	○ <sup>*4</sup>	○	○ <sup>*4</sup>
	Multiple-GOT connection (FX <sup>*1</sup> , A,QnA, Q <sup>*2</sup> Series, General equipment)	○	○	○	○	○	○

<sup>\*1</sup> 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".

<sup>\*2</sup> The F900 Series cannot be connected with a QnUCPU.

<sup>\*3</sup> For FX1S, FX1N, FX2N, FX1NC, FX2NC, communication board or adapter is required.

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

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

<sup>\*1</sup> For FX<sub>3U</sub> and FX<sub>3UC</sub> Series programmable controllers, F900 Series have functional restrictions on "Instruction", "Device area", "Program size", and others (which are supported by FX<sub>2N</sub> and FX<sub>2NC</sub> programmable controllers).

For FX<sub>3G</sub> Series programmable controllers, F900 Series have functional restrictions on "Instruction", "Device area", "Program size", and others (which are supported by FX<sub>1N</sub> and FX<sub>1NC</sub> programmable controllers).  
Do not use the "program list", "List program", and "list monitor" functions of "HPP mode".

<sup>\*2</sup> The F900 Series cannot be connected with a QnUCPU.

<sup>\*3</sup> A motion controller cannot be connected.

<sup>\*4</sup> One can be connected at the end.

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

\*1 A general printer is not supported.

\*2 Only two GOTs can be connected.

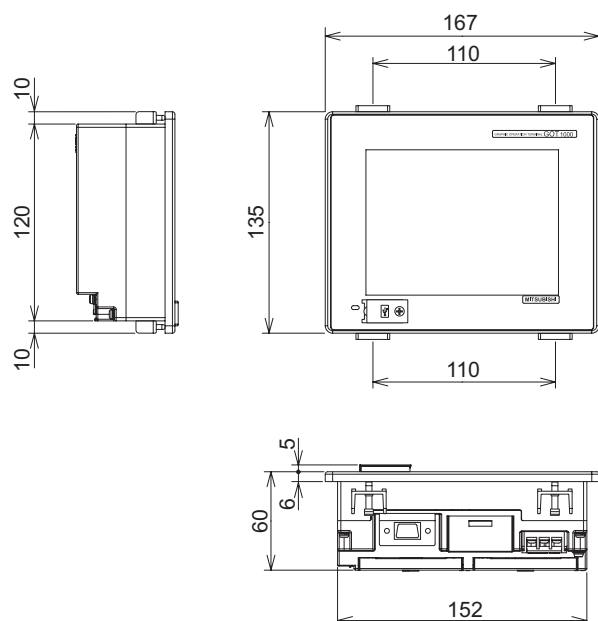
## 2. HARDWARE

### 2.1 Control Panel Interior Dimensions for Mounting GOT

#### 2.1.1 GT155[ ]

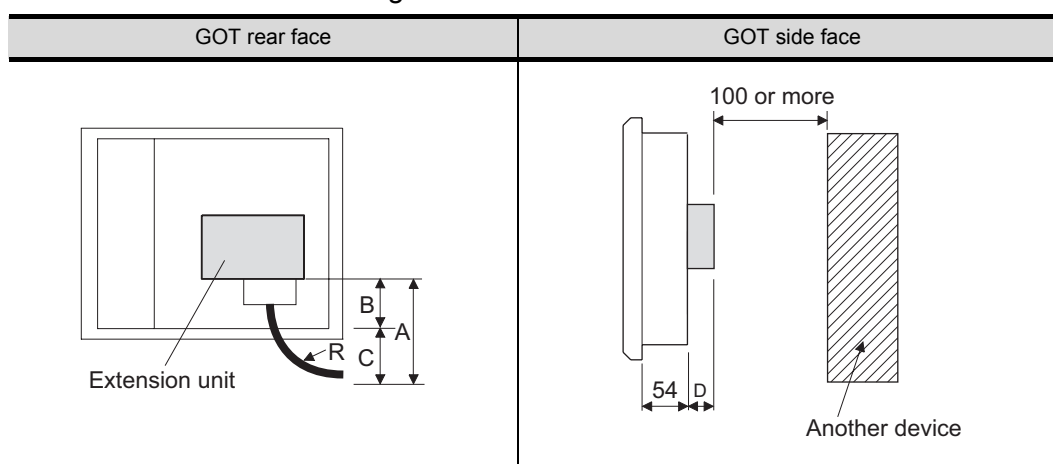
Consider the following control panel interior dimensions when mounting the GOT.  
For details, refer to the [GT15 User's Manual].

##### ■ External dimensions



Unit: mm

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



Unit: mm

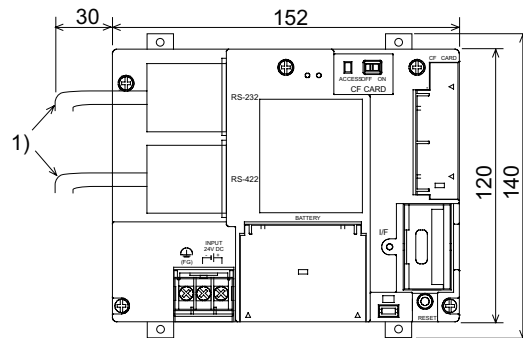
Model name	A	B	C	D	R (bending radius of the cable)
GT15-RS2-9P*1	72.5	16	56.5	23	30
GT15-RS4-9S*1					

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

## 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



Unit: mm

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

### POINT

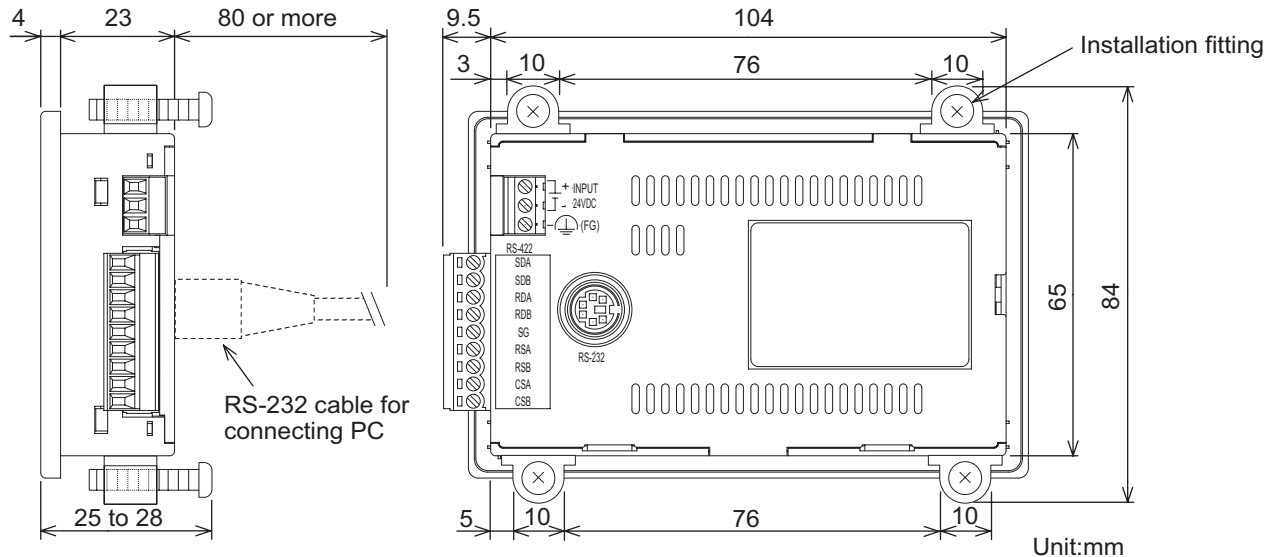
#### Applicable cable

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.

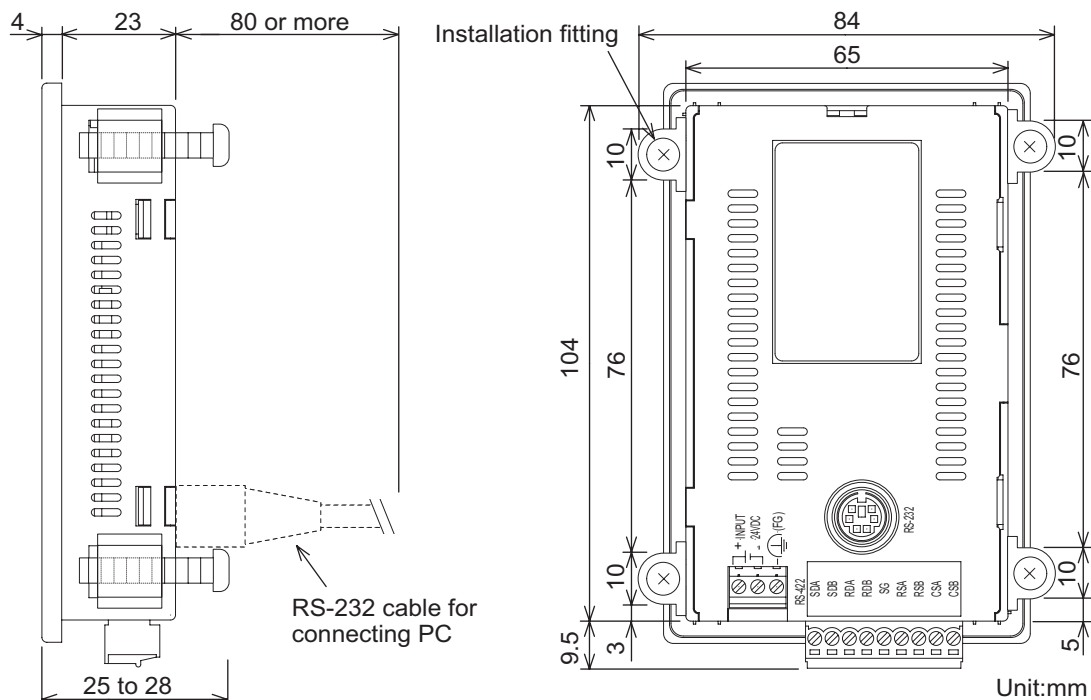
### 2.1.3 GT1020

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

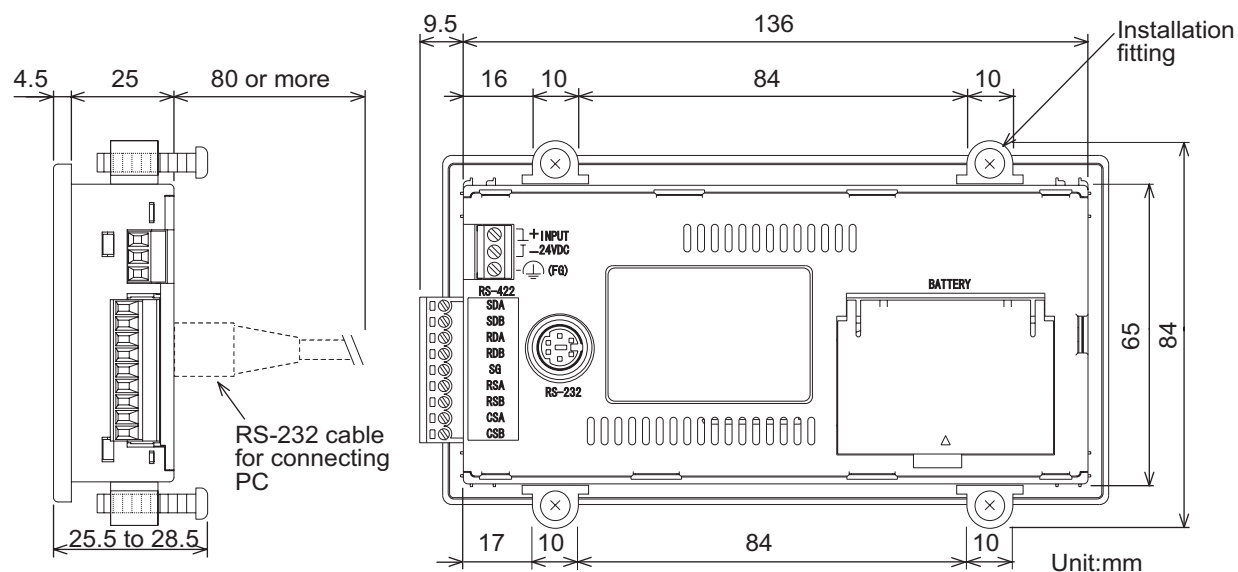
Some cables may need to be longer than the specified dimensions when connecting to the GOT.  
Therefore, consider connector dimensions and bending radius of the cable as well for installation.



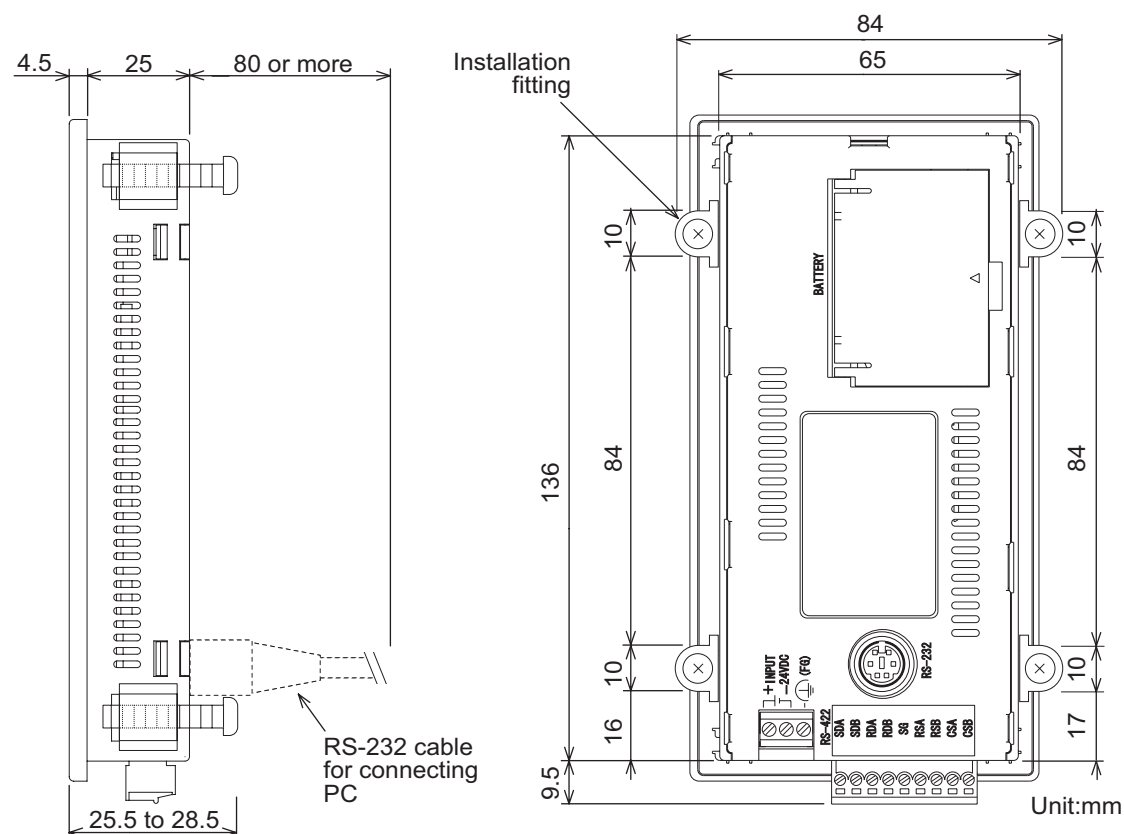
#### 2.1.4 GT1030

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**

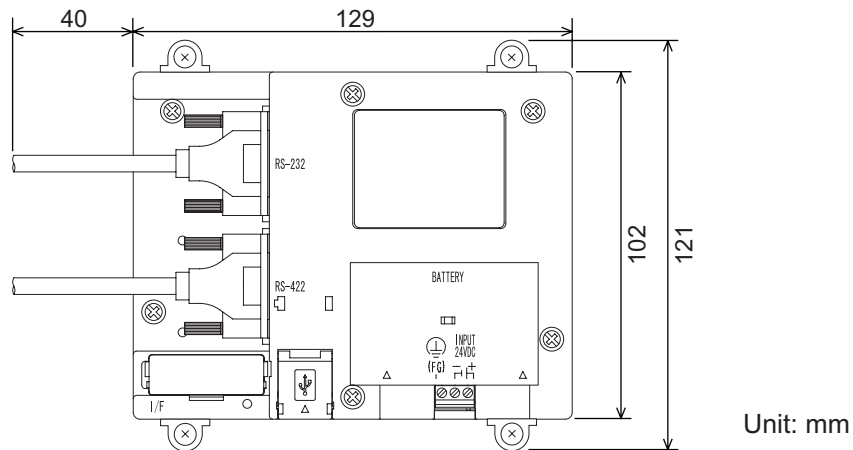
Applicable cable

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.

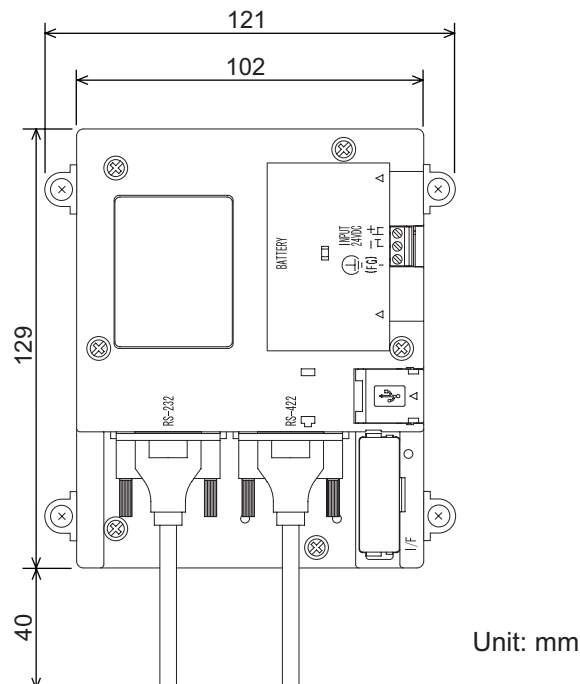
## 2.1.5 GT104[ ]

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

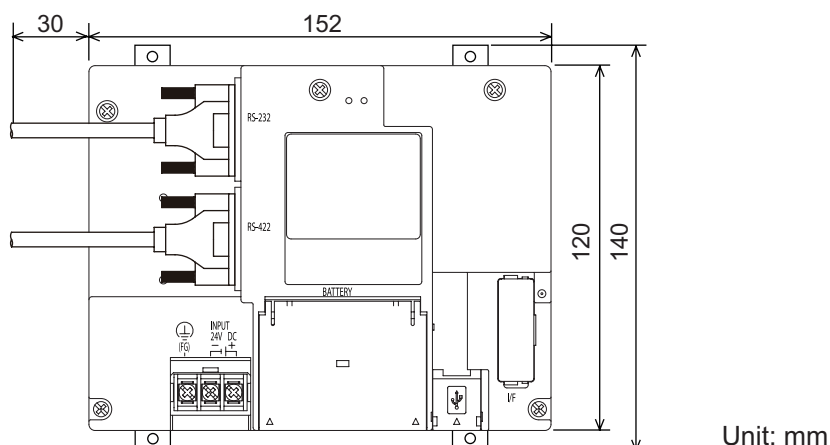
#### Applicable cable

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.

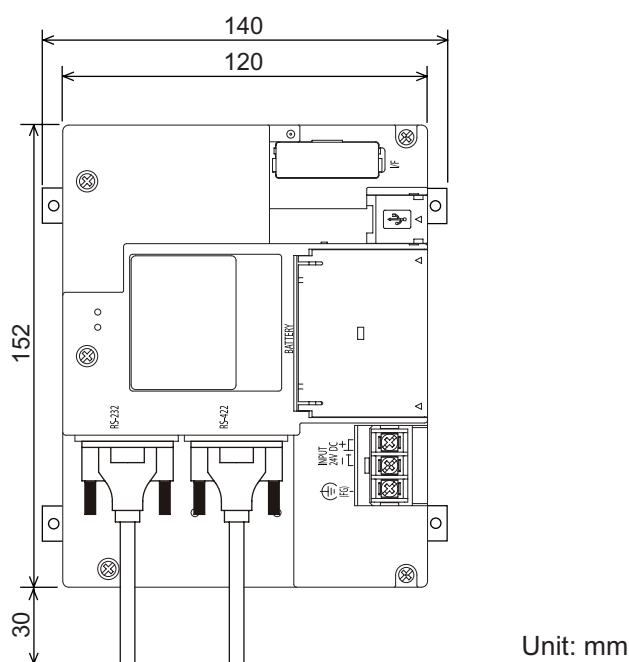
## 2.1.6 GT105[ ]

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

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.)



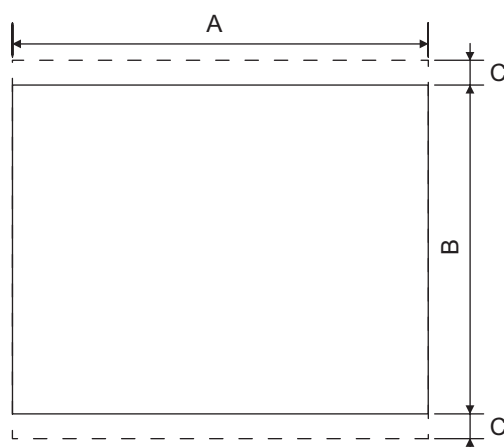
### POINT

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.

## 2.2 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)	C	Recommended model for replacement (GOT1000 Series)	A (Tolerance)	B (Tolerance)	C
Mounted on panel*1 (with keypad)	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
	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
Mounted on panel	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
	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*2	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
		F940WGOT → GT1555-VTBD



#### Precautions when installing the attachment

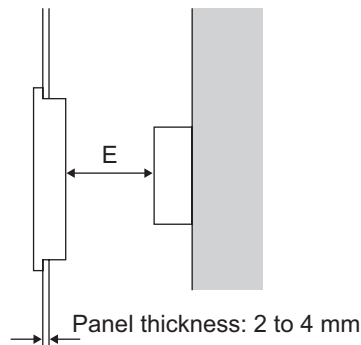
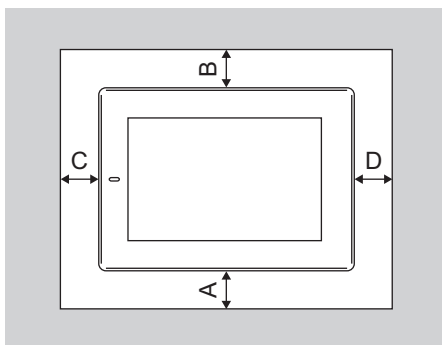
- The attachment can be used when the installation panel thickness is 1.2 to 3 mm.  
If the installation panel thickness exceeds 3 mm, the GOT cannot be replaced by using the attachment.
- Replacing GOT with the attachment is not compliant with the standard IP65f, IP67f, NEMA4 for waterproof and dustproof.

## 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	A	B	C	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>

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

<sup>\*2</sup> 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□

Installation Environment	A	B	C	D	E
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	20 mm or more	20 mm or more	20 mm or more	20 mm or more <sup>*3</sup>

<sup>\*3</sup> 80 mm or more if an USB cable, on memory board is used.

GT115□

Installation Environment	A, D	B	C		E
			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 more	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

<sup>\*4</sup> 50 mm or more for vertical installation

<sup>\*5</sup> 80 mm or more for vertical installation

GT155□

Installation Environment	A <sup>*7</sup>				
	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	50 mm or more	50 mm or more	97 mm or more
In the absence of radiated-noise or heat-generating equipment nearby <sup>*6</sup>			29 mm or more	20 mm or more	

B	C		D	E
	When the CF card is not used	When the CF card is used		
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

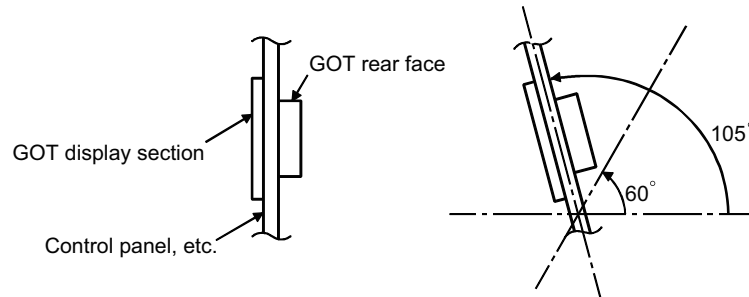
<sup>\*6</sup> Even if in the absence of radiated-noise or heat-generating equipment nearby, keep the ambient temperature of the GOT to 55°C or lower.

<sup>\*7</sup> 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.

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

## 2.4.2 Connection cable for GT10

PLC connection cable (Sold separately)

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

\*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
RS-422 cable	GT09-C30R40101-9P	3 m	For connecting GOT to OMRON PLC, serial communication module, serial communication board
	GT09-C100R40101-9P	10 m	
	GT09-C200R40101-9P	20 m	
	GT09-C300R40101-9P	30 m	
	GT09-C30R40102-9P	3 m	For connecting GOT to OMRON rack type host link unit, communication board
	GT09-C100R40102-9P	10 m	
	GT09-C200R40102-9P	20 m	
	GT09-C300R40102-9P	30 m	
RS-232 cable	GT09-C30R20101-9P	3 m	For connecting GOT to OMRON PLC, serial communication module, communication board, serial communication board
	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
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

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

Product name	Model name	Cable length	Description
RS-422 cable	GT09-C30R40202-14P	3 m	For connecting GOT to YASKAWA PLC
	GT09-C100R40202-14P	10 m	
	GT09-C200R40202-14P	20 m	
	GT09-C300R40202-14P	30 m	
RS-232 cable	GT09-C30R20201-9P	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

### 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	Model name	Cable length	Description
Cable for bar code connections	GT10-C02H-6PT9P	0.2 m	For connecting GOT to bar code reader

### 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

GT11 PLC connection cable (Sold separately)

Product name	Model name	Cable length	Description
RS-422 cable	FXCPU direct connection cable, FX expansion board connection cable	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
		FX-50DU-CAB0-20M <sup>*1</sup>	20 m
		FX-50DU-CAB0-30M <sup>*1</sup>	30 m
		GT01-C10R4-8P	1 m
		GT01-C30R4-8P	3 m
		GT01-C100R4-8P	10 m
		GT01-C200R4-8P	20 m
		GT01-C300R4-8P	30 m
	QnA/A/FXCPU direct connection cable, computer link connection cable	FX-40DU-CAB <sup>*2</sup>	3 m
		FX-40DU-CAB-10M <sup>*2</sup>	10 m
		FX-40DU-CAB-20M <sup>*2</sup>	20 m
		FX-40DU-CAB-30M <sup>*2</sup>	30 m
		GT01-C30R4-25P	3 m
		GT01-C100R4-25P	10 m
		GT01-C200R4-25P	20 m
		GT01-C300R4-25P	30 m
	Computer link connection cable	GT09-C30R4-6C	3 m
		GT09-C100R4-6C	10 m
		GT09-C200R4-6C	20 m
		GT09-C300R4-6C	30 m
RS-232 cable	QCPU direct connection cable	GT01-C30R2-6P	3 m
	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 <sup>*3</sup> ) For connecting GOT to FXCPU special adaptor (D-sub 9 pins connector <sup>*1</sup> )
	FX special adaptor connection	GT01-C30R2-25P	3 m
	Computer link connection cable	GT09-C30R2-9P	3 m
		GT09-C30R2-25P	3 m

<sup>\*1</sup> Replace with GT01-C□□□R4-8P from the next purchase.

<sup>\*2</sup> Replace with GT01-C□□□R4-25P from the next purchase.

<sup>\*3</sup> Connector shape on the cable is shown in ( ).

Connection cables for OMRON PLCs (Sold separately)

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

Connection cables for YASKAWA PLCs (Sold separately)

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

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
	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

## 2.4.4 Connection cable for Handy GOT

### External cable (Sold separately)

Product name	Model name	Description
External cable (for connecting GOT to relay cable)	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
	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
External cable (for connecting GOT to CC-Link interface unit)	GT11H-C30-32P	CC-Link interface unit connection side round 32 pins, 3 m
	GT11H-C50-32P	CC-Link interface unit connection side round 32 pins, 5 m
	GT11H-C80-32P	CC-Link interface unit connection side round 32 pins, 8 m
	GT11H-C130-32P	CC-Link interface unit connection side round 32 pins, 13 m

### Relay cable (Sold separately)

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

Connection cables for MITSUBISHI PLCs (Sold separately)

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

Connection cables for OMRON PLCs (Sold separately)

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

Connection cables for PANASONIC PLCs (Sold separately)

Product name	Model name	Cable length	Description
RS-232 cable	GT09-C30R20901-25P	3 m	For connecting connector conversion box to PANASONIC RS422/232C conversion adapter
	GT09-C30R20902-9P	3 m	For connecting connector conversion box to tool port or RS232C port of PANASONIC PLC, computer communication unit
	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
RS-422 cable	GT09-C30R40201-9P	3 m	For connecting connector conversion box to YASKAWA MEMOBUS module
	GT09-C100R40201-9P	10 m	
	GT09-C30R40202-14P	3 m	For connecting to connector conversion box to YASKAWA PLC
	GT09-C100R40202-14P	10 m	
RS-232 cable	GT09-C30R20201-9P	3 m	For connecting to connector conversion box to YASKAWA PLC
	GT09-C30R20202-15P	3 m	
	GT09-C30R20203-9P	3 m	
	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 cable	GT09-C30R20701-9S	3 m	For connecting connector conversion box to ALLEN-BRADLEY PLC
	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)*1
	GT11H-C30R2-6P		
	GT09-C20USB-5P	2 m	GOT (USB mini) to PC (USB)
	GT09-C30USB-5P	3 m	

\*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	

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

Communication unit (Sold separately)

Product name	Model name	Description
Serial communication unit	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

Connection cables for MITSUBISHI PLCs (Sold separately)

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

Connection cables for OMRON PLCs (Sold separately)

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

Connection cables for YASKAWA PLCs (Sold separately)

Product name	Model name	Cable length	Description
RS-232 cable	GT09-C30R20201-9P	3 m	For connecting GOT to YASKAWA PLC
	GT09-C30R20202-15P	3 m	
	GT09-C30R20203-9P	3 m	
	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	For connecting GOT to YASKAWA MEMOBUS module
	GT09-C100R40201-9P	10 m	
	GT09-C200R40201-9P	20 m	
	GT09-C300R40201-9P	30 m	
	GT09-C30R40202-14P	3 m	For connecting GOT to YASKAWA PLC
	GT09-C100R40202-14P	10 m	
	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 → RS 422 conversion unit	RS-422 side connector 9 pins
	GT15-RS2T4-25P		RS-422 side connector 25 pins

# 3. 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)

### POINT

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)

## 3.2 Screen Data Conversion Pattern

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.

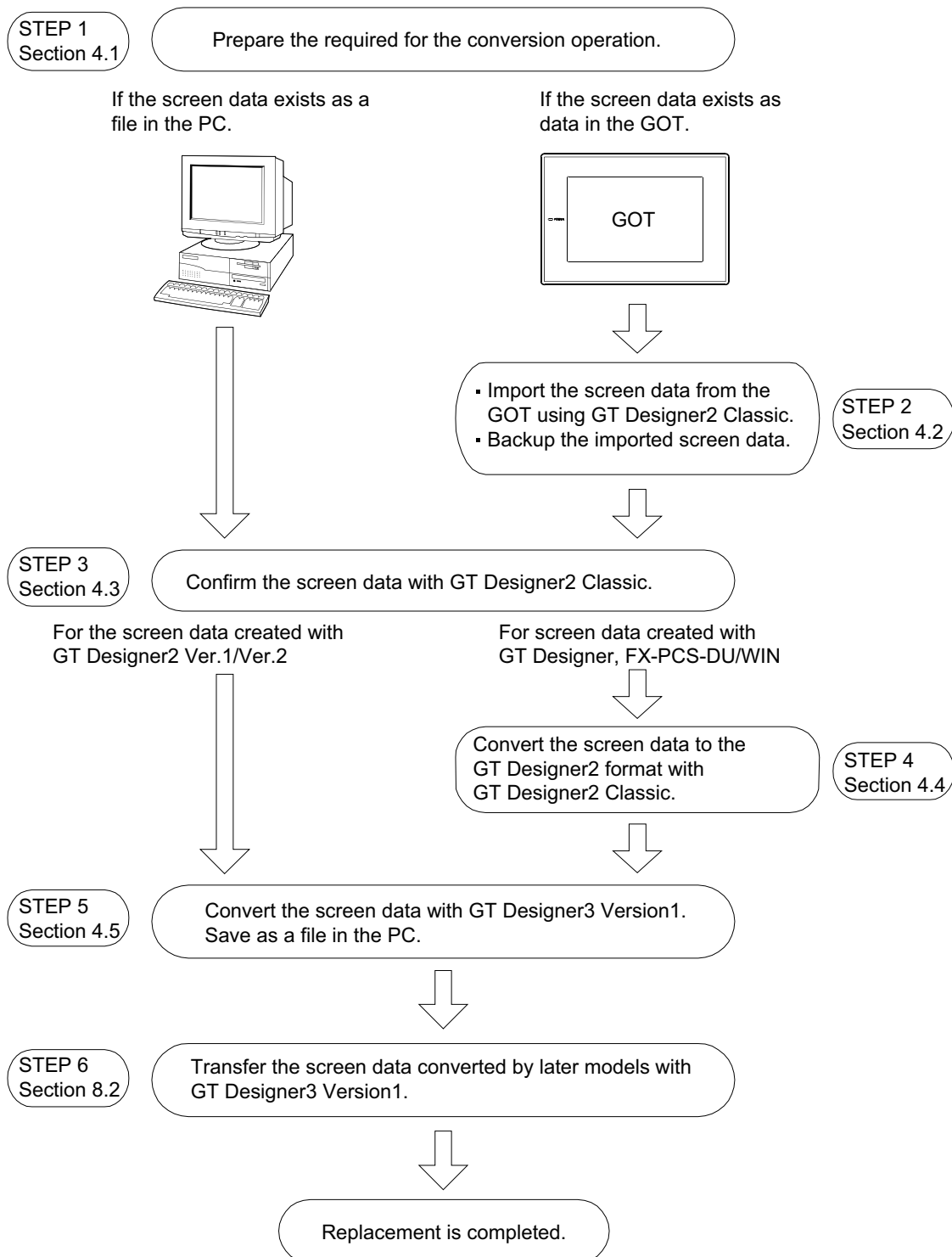
For details on confirmation methods of screen data, refer to Section 4.3.

\*3 Screen data created with GT Designer2.

## 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□□, GT105□, GT104□	GT09-C20USB-5P (A ↔ mini B type)	Mitsubishi Electric System Service
	GT09-C30USB-5P (A ↔ mini B type)	
GT1020, GT1030	GT09-C30USB-5P (A ↔ mini B type)*1	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

## 4.2 [STEP2] Importing Screen Data

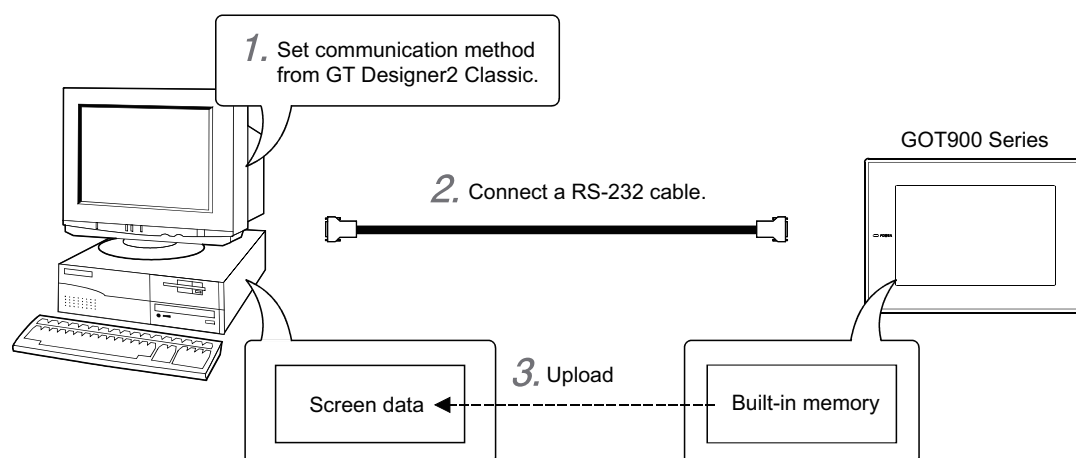
If screen data exists as data in the GOT, import the screen data from the GOT with GT Designer2 Classic.  
Backup the imported screen data before conversion.

### 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. Connect a RS-232 cable ..... 4.2.2 RS-232 cable to be used
3. Upload ..... 4.2.4 Uploading

#### ■ 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®.  
Refer to the PC manual or Windows® Help for details of the power saving function setting.

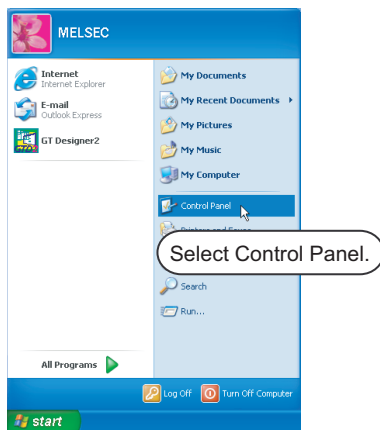


- (5) When a communication error occurs  
A communication error, such as a timeout error, may occur due to the communication port settings on the PC.  
Confirm and change the settings in the following way.  
The following items may not be present depending on the PC used.

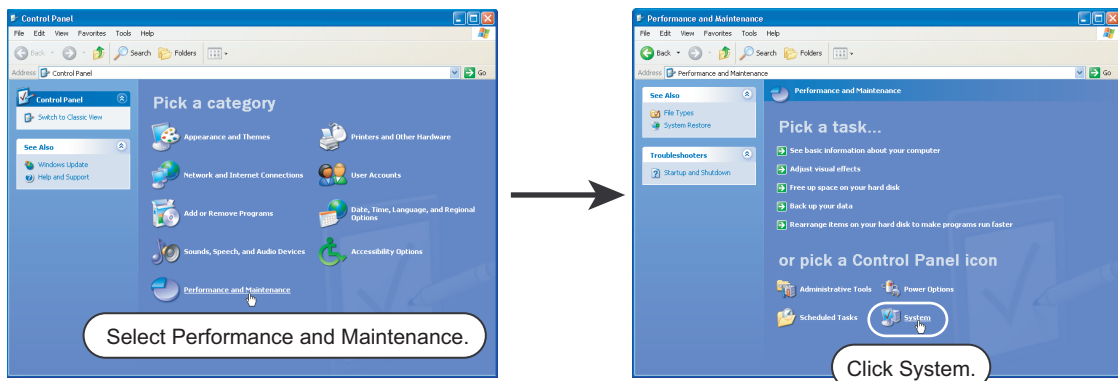
(Method 1)

The following screens and operations apply to Windows® XP.

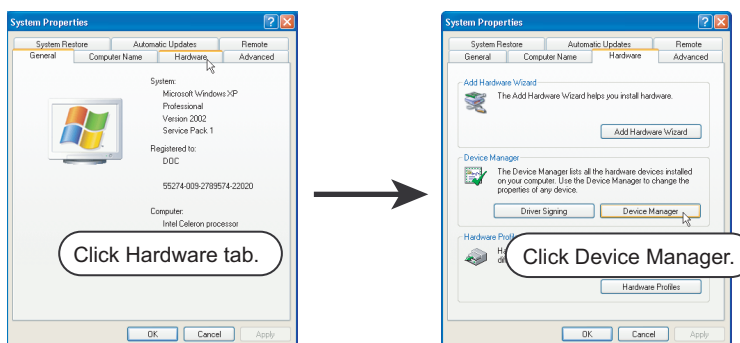
1. Select [Start] → [Control Panel].  
(For Windows® 2000, select [Start] → [Settings] → [Control Panel].)



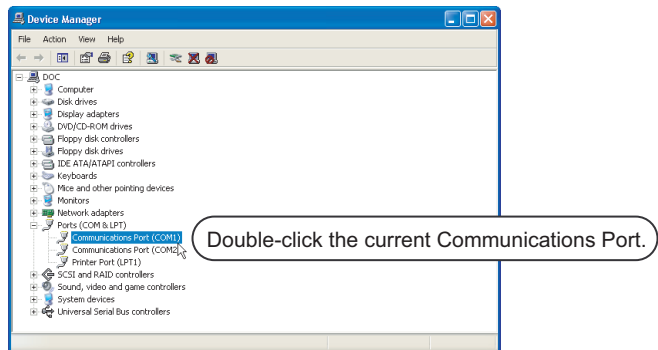
2. Select [Performance and Maintenance] and click the [System] icon.  
The System Properties dialog box appears.  
(For Windows® 2000, double-click [System].)



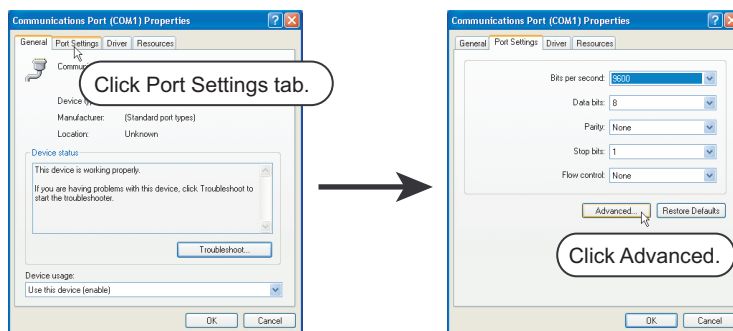
3. Click "Device Manager" on the Hardware tab.  
The Device Manager window appears.



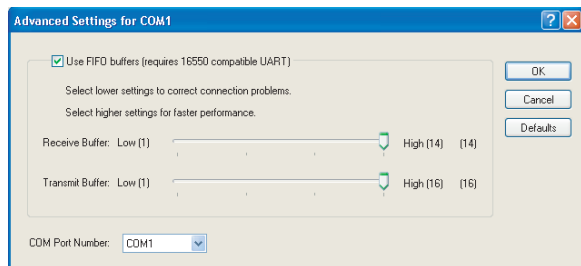
4. Select [Ports] and double-click the [Communication Port] icon.  
The Communication Port Properties dialog box appears. (When COM1 is selected)



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



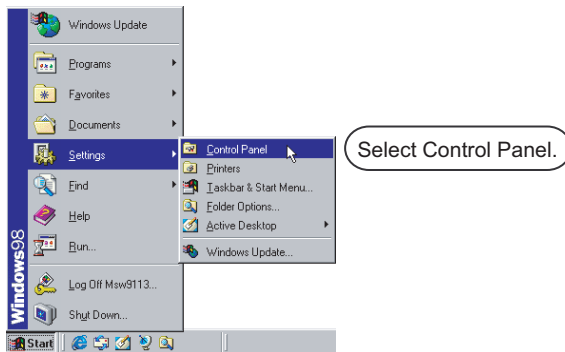
6. Uncheck the [Use FIFO buffers] checkbox.



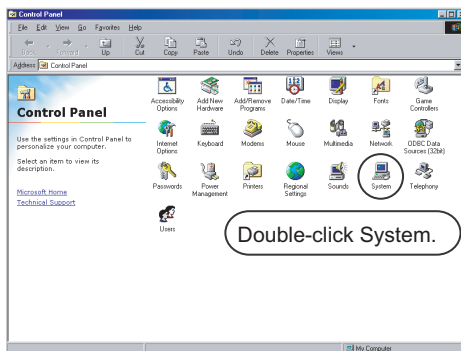
(Method 2)

The following screens and operations apply to Windows® 98.

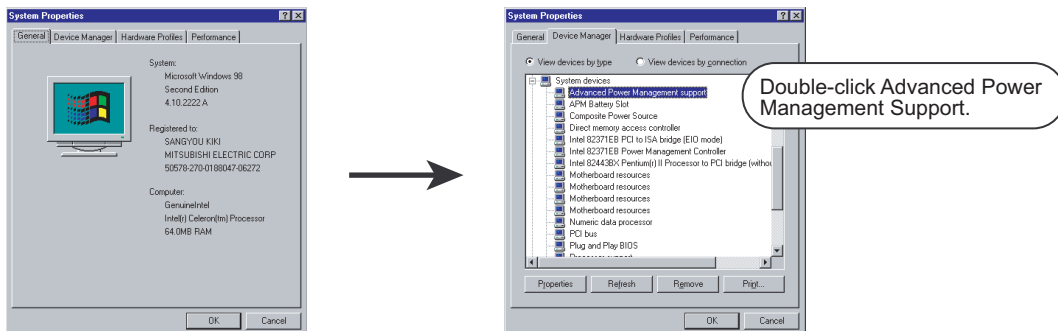
1. Select [Start] → [Settings] → [Control Panel].



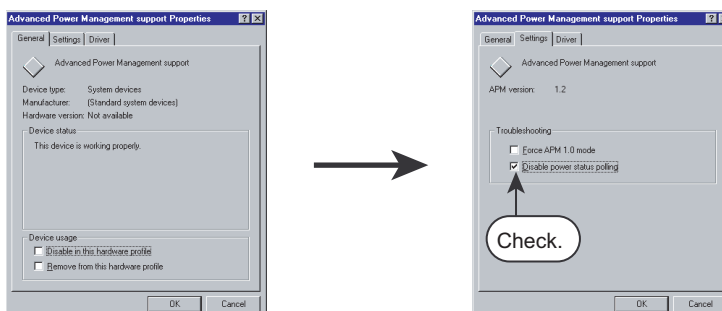
2. Double-click the [System] icon.  
The System Properties dialog box appears.



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.



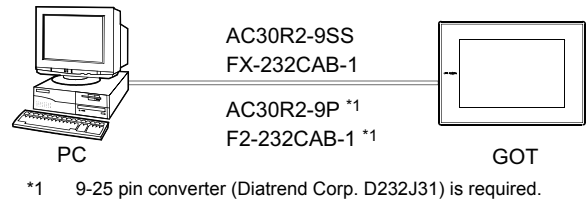
### 4.2.2 RS-232 cable to be used

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



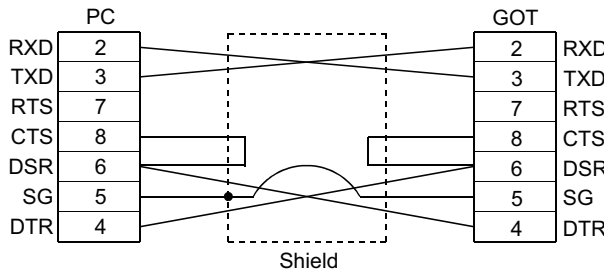
(2) Applicable cable

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)	

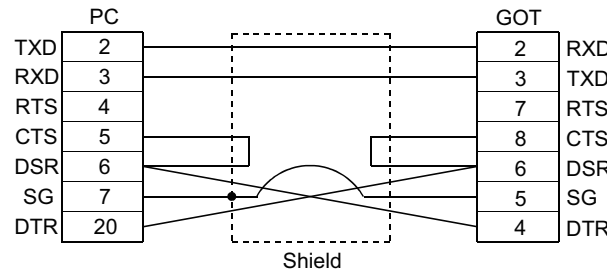
(3) Connection diagram

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



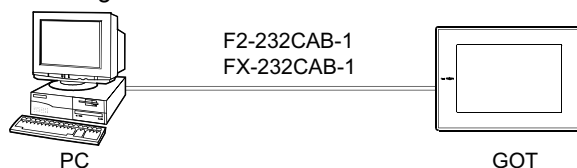
(b) Connection diagram for cables equivalent to AC30R2-9P and F2-232CAB-1



## ■ Using GOT-F900 Series

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

### (1) System configuration



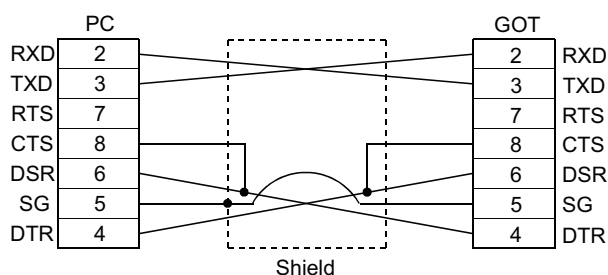
### (2) Applicable cable

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

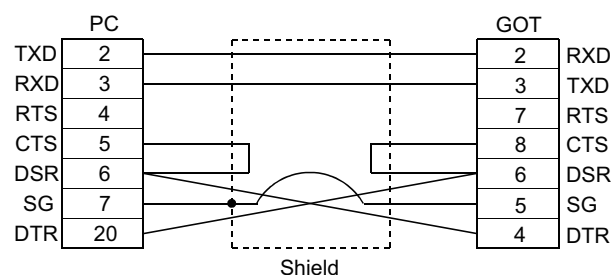
### (3) Connection diagram

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

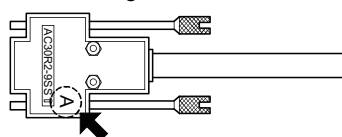


## POINT

### 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.

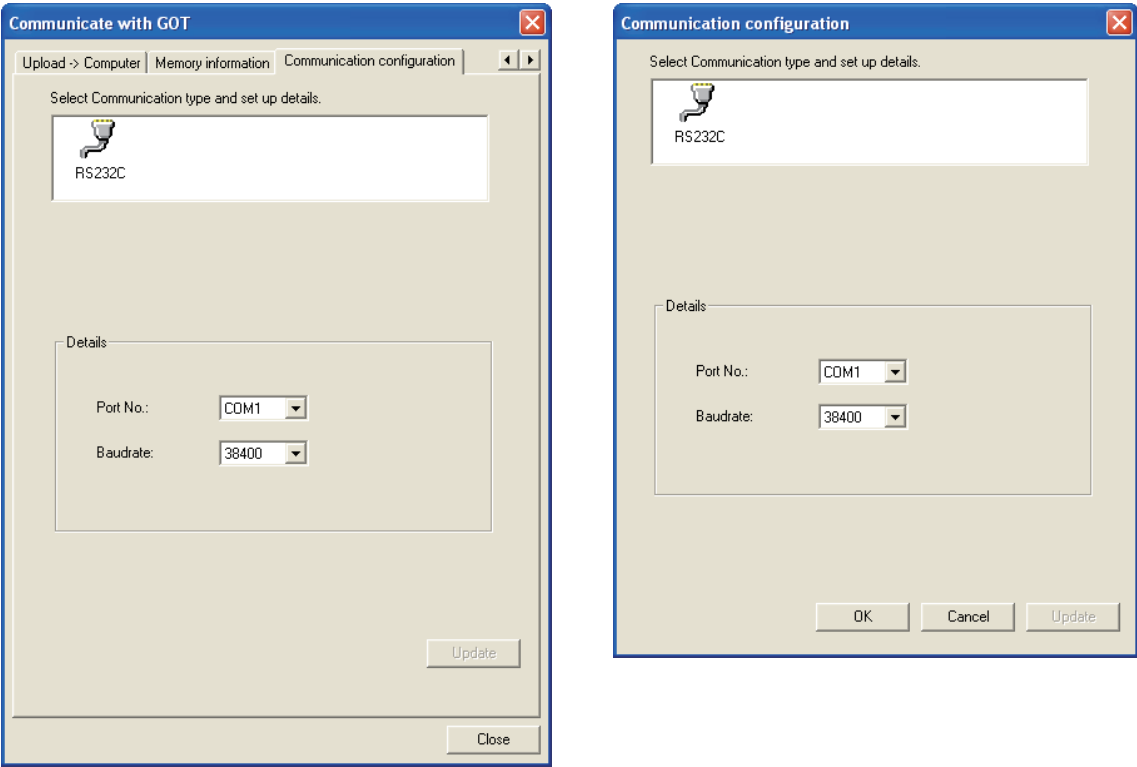
The cable version is shown above and to the right of the model name of the connector.



### 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] → [To/From GOT...] or [Communication Configuration...] from the menu.
2. The setting dialog box appears. Make settings referring to the following description.

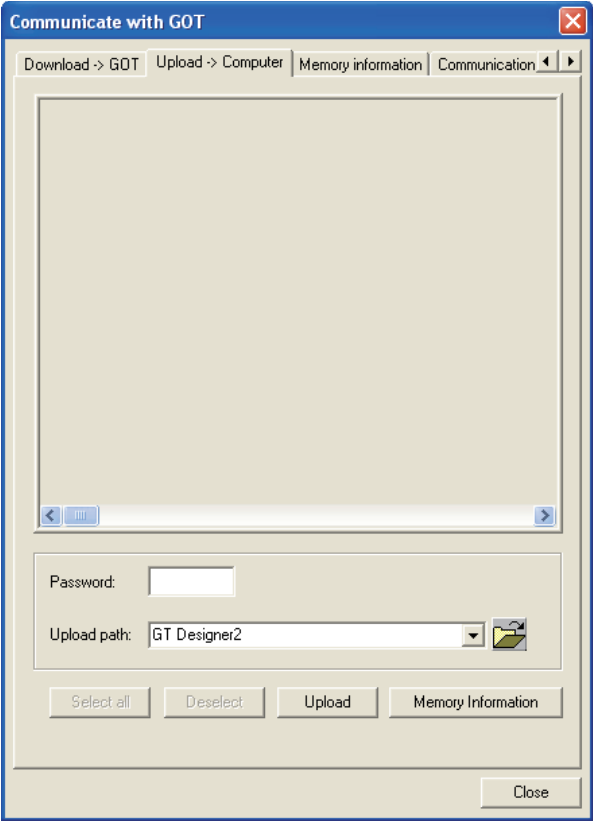


Item	Description
Port No.	Select PC port connected to the GOT.
Baudrate	Set the transmission speed between the PC and the GOT. Set the rate suitable for the PC.
<div>Update</div>	When the settings are changed, the settings are updated. Click the <div>Update</div> button to update the settings.

# 4.2.4 Uploading

The following shows the uploading method.

1. Click [Communication] → [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.



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*1	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.
<b>Upload</b>	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.
<b>Memory Information</b>	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

## 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


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### 4.3.1 Uploading with GT Designer2 Classic

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

1. 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  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.)

2. 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.

 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.

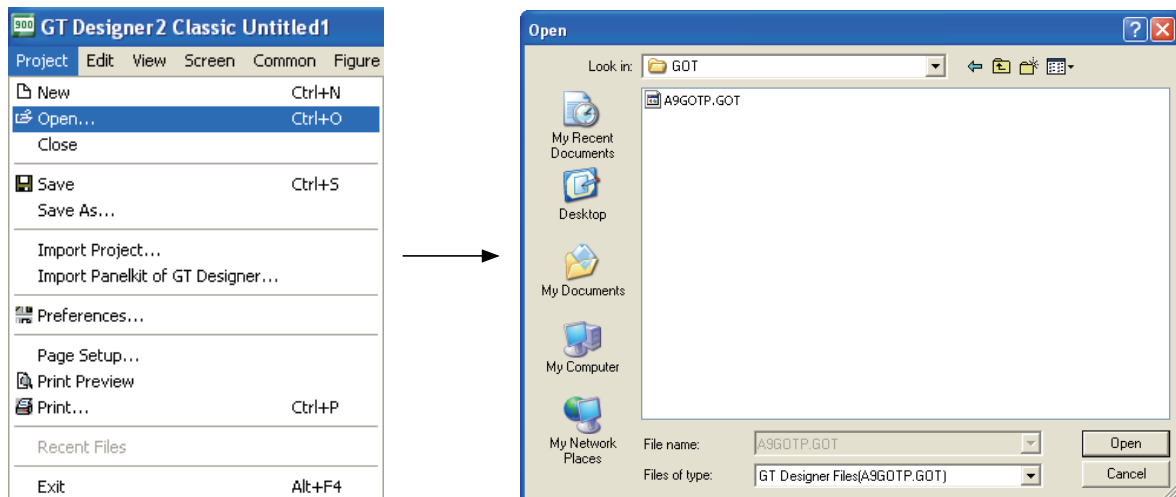
 4.5.1 Converting to GOT1000 Series screen data

## 4.4 [STEP4] Saving Data in GT Designer2 Format

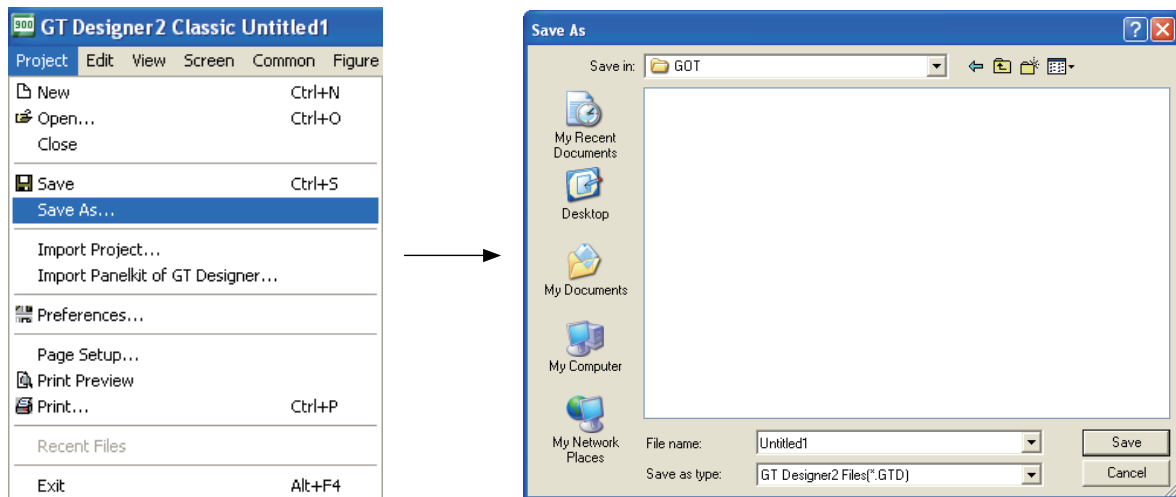
Screen data always required to be converted into GT Designer2 format (\*.GTD) before conversion.  
The operation for converting into GT Designer2 format differs depending on the data type.

### 4.4.1 For A9GOTP.GOT

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

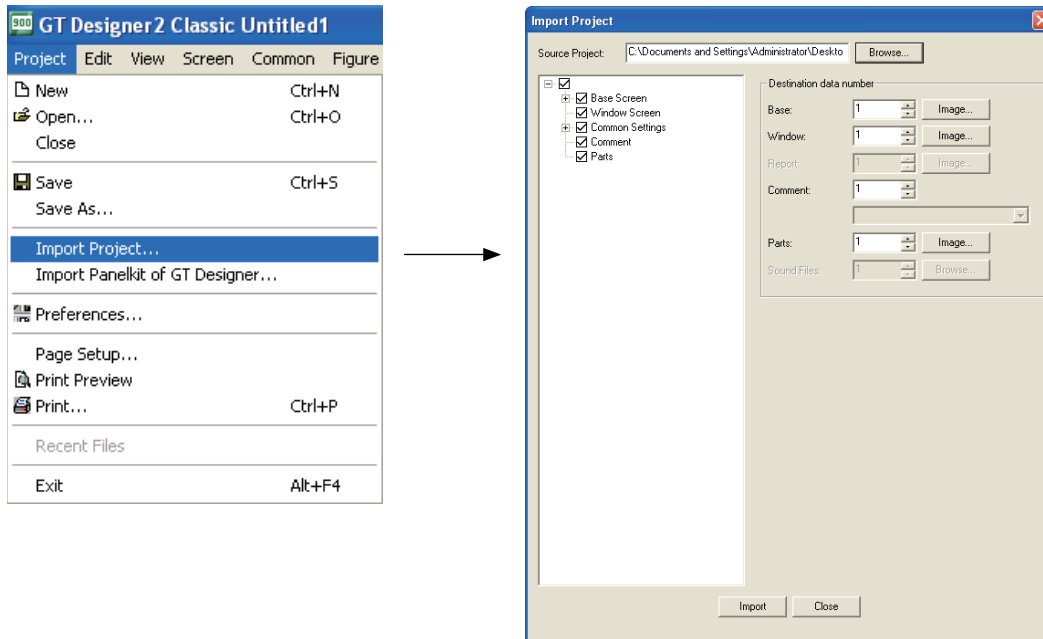


2. Save the opened screen data from [Project] → [Save As...].  
With this operation, data is converted into GT Designer2 format (\*.GTD).

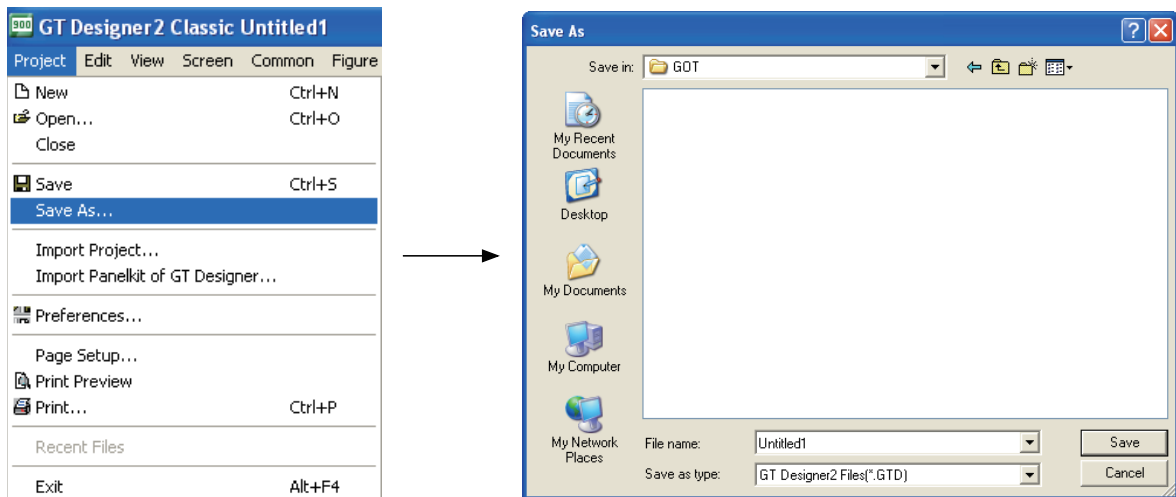


## 4.4.2 For screen data created with FX-PCS-DU/WIN

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.



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



## 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.

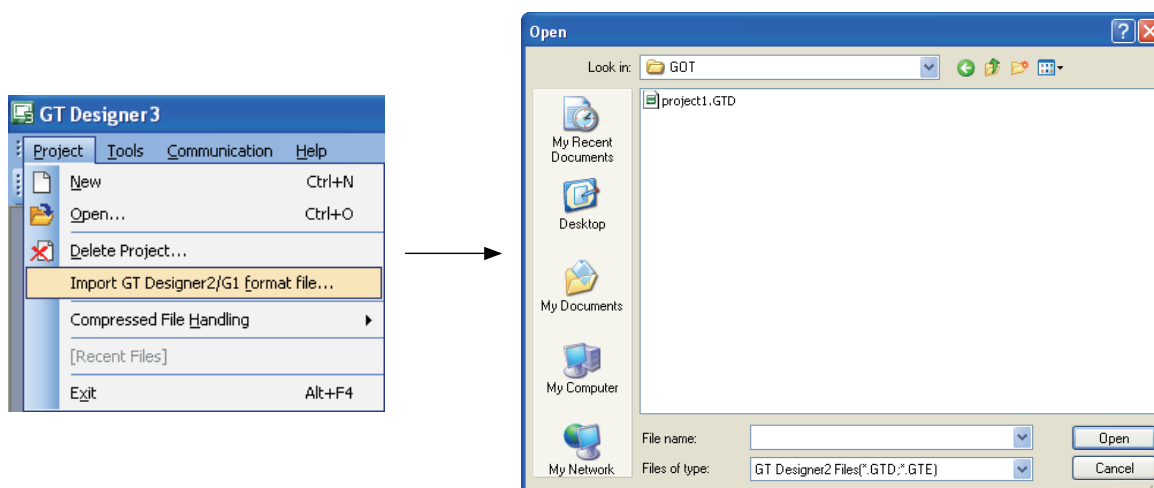
### POINT

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

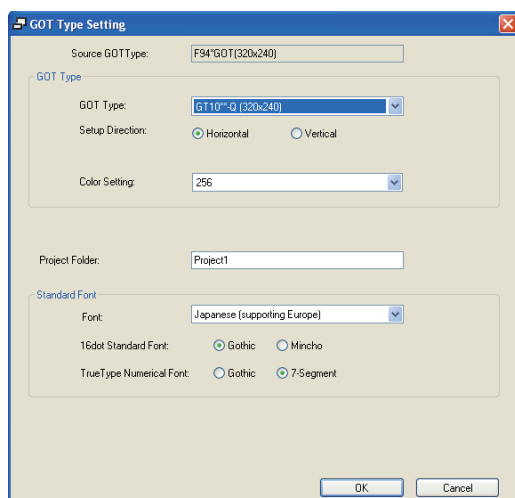
- (1) When a GOT-F900 Series is converted to GOT1000 Series, any settings, figures, and objects not available for the GOT1000 Series will be deleted.
- (2) Once the project data of the GOT-F900 Series is converted to GOT1000 Series type, the data cannot be converted back to GOT-F900 Series from GOT1000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

### 4.5.1 Converting to GOT1000 Series screen data

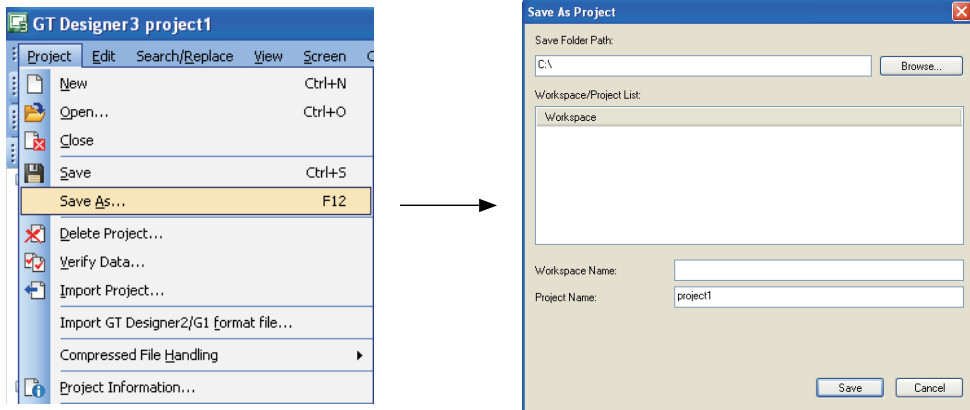
1. Startup GT Designer3 Version1 and select screen data from [Project] → [Import GT Designer2/G1 format file...].



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



3. 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) → 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

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

GT Designer2 Classic (GOT-F900)			GT Designer3 Version1 (GOT1000 Series)			Remarks	Reference
Function Name	Function Description	GT10	GT11	GT15			
System Environment	System Setting	GOT Type, PLC Type, Color Setting	△	△	△	Resetting is required for Color Setting.	6.1.1
	Project Title	Project Title, Project ID, Detailed Explanation, Author setting	○	○	○	Reflected to [Project]-[Project information...].	-
	Auxiliary Setting	Key window/Cusor display setting, Use Serial Port, Setup, Language, Menu Key, Format, Screen configuration settings	△	△	△	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	△	△	△	Current Recipe No. is not supported.	6.1.3
	Screen Switching	Base Screen, Overlap Window1, Overlap Window2, Uninitialize switching screen device	△	△	△	Uninitialize switching screen device is not supported.	6.1.4
	Password	Security Level Device, Password, Display password input error, Data Transmission/Utility	△	△	△	Display password input error is not supported.	6.1.5
	Key Window	Key Window Settings (Use default key window, Select key window sheet No.)	○	○	○	Reflected to [GOT Setting]-[Environment Setting]-[Key Window].	-
	GOT Setup	Opening Screen Time, Backlight Off Time, Connection, Buzzer, When touch input detected, do not change to input	△	△	△	<ul style="list-style-type: none"><li>Opening Screen Time is reflected in [GOT Setting]-[Environment Setting]-[GOT Setup]-[Display/Operation].</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	△	△	△	Character Set and Date Format is not supported.	6.1.7
	Menu Key	System Screen Overlay Touch Position Settings	○	○	○	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	×	△	×	Grip Switch and ON → 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
Hard Copy		Hard Copy Function Settings	×	×	○	Not supported for the GT10 and GT11 since they have no Printer function.	-
Operation Panel		Operation Panel Function Settings	×	×	○	<ul style="list-style-type: none"><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
Bar Code		Bar Code Function Settings	○	○	○	Reflected in [Peripheral Unit Setting]-[Bar Code].	-
Status Observation		Project/Screen Unit Status Observation Settings	○	○	○	Reflected in [Project]-[Status Observation].	-
Time Action		Time Action Function Settings	○	○	○	Reflected to [Project]-[Time Action].	-
Sampling		Sampling Function Settings	×	×	×	Not supported.	-
Alarm History		Alarm History Settings Common to the Projects (Alarm History Common Settings)	△	△	△	Print and Ack are not supported.	6.1.11

GT Designer2 Classic (GOT-F900)		GT Designer3 Version1 (GOT1000 Series)			Remarks	Reference
Function Name	Function Description	GT10	GT11	GT15		
Floating Alarm	Floating Alarm Display Function Settings	△	△	△	Report Method is not supported.	6.1.12
Recipe	Recipe Function Settings	○	○	○	Reflected to [Project]-[Recipe]-[Recipe List].	-
Parts	Parts Reading, Registering, and Deleting setting	○	○	○	Reflected to [Project]-[Parts]-[Parts Image List].	-
Comment	Comment Settings	○	○	○	Reflected to [Project]-[Comment]-[New Comment Group].	-

1	REPLACEMENT MODEL SUMMARY
2	HARDWARE
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## 5.1.2 Object

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

GT Designer2 Classic (GOT-F900)			GT Designer3 Version1 (GOT1000 Series)			Remarks	Reference
Function Name		Function Description	GT10	GT11	GT15		
Switch	Bit Switch	Bit Operating Switch Settings	○	○	○	Reflected in [Object]-[Bit Switch] and [Object]-[Switch].	6.1.13
	Data Set Switch	Word Operating Switch Settings	○	○	○	Reflected in [Object]-[Word Switch] and [Object]-[Switch].	6.1.14
	Special Function Switch	Special Function (list editor) Switch Settings	△	△	△	Lamp of Text/Lamp and Trigger are not supported.	6.1.15
	Go to Screen Switch	Go to Screen Switch Settings	○	○	○	Reflected in [Object]-[Bit Switch] and [Object]-[Switch].	6.1.16
	Data Change Switch	Data Change Switch Settings	△	△	△	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	△	△	△	Lamp of Text/Lamp is not supported.	6.1.19
	Multi Action Switch	Multi Action Switch Settings	△	△	△	The name is changed to Switch. Keyboard type of Recipe... and Data Change... are not supported.	6.1.20
Lamp	Bit lamp	Bit Device Switching Lamp Display Function Settings	○	○	○	-	-
	Bit lamp Area	Bit lamp Area Settings	×	×	×	Not supported. However, an alternative is available.	6.1.21
	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
Numerical Display		Numerical Display Function Settings	△	△	△	Bg Transparent is not supported.	6.1.24
Ascii Display		Ascii Display Function Settings	△	△	△	Bg Transparent is not supported.	6.1.25
Numerical Input		Numerical Input Function Settings	△	△	△	Bg Transparent is not supported.	6.1.26
Ascii Input		Ascii Input Function Settings	△	△	△	Bg Transparent is not supported.	6.1.27
Date Display		Date Display Function Settings	△	△	△	Bg Transparent is not supported.	6.1.28
Time Display		Time Display Function Settings	△	△	△	Bg Transparent is not supported.	6.1.29
Comment	Bit Comment	Bit Device Switching Comment Display Function Settings	△	△	△	Use 6 × 8 dot font and Bg Transparent are not supported.	6.1.30
	Word Comment	Word Device Switching Comment Display Function Settings	△	△	△	Offset, Use 6 × 8 dot font and Bg Transparent are not supported.	6.1.31
Alarm	Alarm History	Alarm History Function Settings	△	△	△	Use 6 × 8 dot font and 1 × 0.5 (Size) are not supported.	6.1.32
	Alarm list	Alarm list Function Settings	△	△	△	Use 6 × 8 dot font, Store Memory and 1 × 0.5 (Size) are not supported.	6.1.33
Parts	Bit Parts	Bit Device Switching Parts Display Function Settings	○	○	○	-	-
	Word Parts	Word Device Switching Parts Display Function Settings	△	△	△	Offset is not supported.	6.1.34
	Fixed Parts	Parts Display Function Settings Using Fixed Parts	○	○	○	-	-



GT Designer2 Classic (GOT-F900)		GT Designer3 Version1 (GOT1000 Series)			Remarks	Reference
Function Name	Function Description	GT10	GT11	GT15		
Panelmeter	Panelmeter Display Function Settings	△	△	△	Special of Type is not supported.	6.1.35
Graph	Line Graph	○	○	○	-	6.1.36
	Trend Graph	△	○	○	Store Memory is not supported for the GT10.	
	Bar Graph	○	○	○	-	
	Statistics Bar Graph	○	○	○	-	-
	Statistics Pie Graph	○	○	○	-	
	Circle Graph	×	×	×	Not supported. However, an alternative is available.	
Keyboard	Keyboard Function Settings	×	×	×	Not supported. However, an alternative is available.	6.1.38
Buzzer	Buzzer Function Settings	×	×	×	Not supported. However, an alternative is available.	6.1.39
Set Overlay Screen	Set Overlay Screen Function Settings	○	○	○	-	-
Key Window Position	Key Window Display Position Settings	○	○	○	-	-

### 5.1.3 Figure

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

GT Designer2 Classic (GOT-F900)		GT Designer3 Version1 (GOT1000 Series)			Remarks	Reference	
Function Name		GT10	GT11	GT15			
Text		△	△	△	Bg Transparent is not supported.	6.1.40	
Line		○	○	○	-	-	
Rectangle		○	○	○	-	-	
Rectangle (Filled)		○	○	○	Integrated in Rectangle.		
Circle		○	○	○	-	-	
Circle (Filled)		○	○	○	Integrated in Circle.		
Import Image		○	○	○	-	-	
Capture Image	Rectan gular Range Area	Pasting Bit map data (*.bmp) to the screen being edited	○	○	○	-	-
	Window Area		○	○	○	-	-
Import DXF		○	○	○	-	-	

## 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

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

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

### 5.2.2 Object

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

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

### 5.2.3 Figure

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

GT Designer2 Classic (GOT-A95□GOT)			GT Designer3 Version1 (GOT1000 Series)	Remarks	Reference
Function Name		Function Description	GT11		
Figure	Rectangle (Filled)	Filled rectangle drawing	○	Integrated in Rectangle.	-
	Circle (Filled)	Filled circle drawing	○	Integrated in Circle.	-

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

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

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

FX-PCS-DU/WIN (GOT-F900)			GT Designer3 Version1 (GOT1000 Series)			Remarks	Reference
Function Name	Function Description		GT10	GT11	GT15		
Screen List	Screen Header	Screen No, Screen Name, Bg Color, Security and Overlay Screen Settings	△	△	△	Partial reconfiguration is required after conversion.	6.2.1
Text Library		-	○	○	○	Treated as comment, and the numbers are converted to 1 and higher.	-
Image Library		-	○	○	○	Treated as parts, and the numbers are converted to 1 and higher.	-
Device Comments		-	×	×	×	Not supported.	-
Alarms		Head Address, Nbr of Alarms, Display Pos, Message, Report, Scr. No, Print, Acknowledge and Reset Operation Settings	△	△	△	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.	-
Time Channels		Head Bit Device	×	×	×	Not supported.	-
		Week days, Start Time, End Time and Comment Settings	×	×	×	Not supported. Set again in [Common]-[Time Action...].	-
Data Sampler		-	×	×	×	Not supported.	-
Hard Copy		-	×	×	×	Not supported.	-
System Settings	Project Settings	GOT Type and Connection PLC System Settings, and Display Language Settings on System Screen and User-created Screen	△	△	△	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 style="list-style-type: none"> <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>*1</sup></li> </ul>	-
	Entry Code	Transfer and Screen Protect Settings, and Entry Code Input Error Display Setting	△	△	△	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	△	△	△	Some functions are not supported.	6.2.6
	DU Printer	-	×	×	×	Not supported.	-
	DU Menu Key	DU Menu Key Position Settings	○	○	○	-	-
	Bar Code Settings	Settings of Data Storage Destination Head Address and Nbr of Address at Bar Code Connection	○	○	○	-	-
	Status observation	Set Object and Condition watch cycle Settings	○	○	○	+1 is added to the Screen Number.	-
	Color settings	Color Selection (F940WGOT only)	×	×	×	Not required setting for GOT1000 Series.	-

\*1 Fixed to Y/M/D for the GT10.

## 5.3.2 Object

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

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

FX-PCS-DU/WIN (GOT-F900)			GT Designer3 Version1 (GOT1000 Series)			Remarks	Reference
Function Name		Function Description	GT10	GT11	GT15		
Date / Time	Date	View Format, Display Color, 8×6 dot font Use, Display Position and Character Size Settings	△	△	△	Some functions are not supported. The background is transparent.	6.2.9
	Time	View Format, Display Color, 8×6 dot font Use, Display Position and Character Size Settings	△	△	△	Some functions are not supported. The background is transparent.	6.2.10
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	△	△	△	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, 8×6 dot font Use, Display Position and Character Size Settings	△	△	△	8×6 dot font and 1×0.5 (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	○	○	○	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.	-
Number		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	△	△	△	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	Box	Frame, Filled, Pattern, Position and Size Settings	○	○	○	-	-
	Filled Box		○	○	○	-	-
Circle	Circle	Frame, Filled, Pattern, Position and Size Settings	○	○	○	-	-
	Filled Circle		○	○	○	-	-
Line		Type, Line Color, Start Position and End Position Settings	○	○	○	-	-
Image		Image No., Position Settings	○	○	○	-	-
Touch Key		-	△	△	△	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.	-
Keyboard		-	×	×	×	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) → GT Designer3

### 6.1.1 [Common] System Environment-System Settings

#### ■ Conversion summary

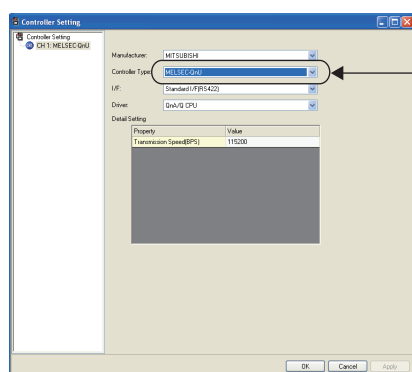
[System Settings] is converted according to the following.

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

#### ■ 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.

The screenshot shows the 'GOT Type Setting' dialog box. It has a title bar with a close button. The main area is divided into sections. The 'GOT Type' section contains a 'GOT Type' dropdown set to 'GT10™-Q (320x240)', a 'Setup Direction' section with 'Horizontal' selected, and a 'Color Setting' dropdown set to '256'. The 'Color Setting' dropdown is circled in red, and a red arrow points to it from the text 'Set again.' to its right. Below this is the 'Project Folder' section with a text box containing 'Project1'. The 'Standard Font' section contains a 'Font' dropdown set to 'Japanese (supporting Europe)', a '16dot Standard Font' section with 'Gothic' selected, and a 'TrueType Numerical Font' section with '7-Segment' selected. At the bottom are 'OK' and 'Cancel' buttons.

Set again.

## 6.1.2 [Common] System Environment-Auxiliary Setting

### ■ Conversion summary

[Auxiliary Setting] is converted according to the following.

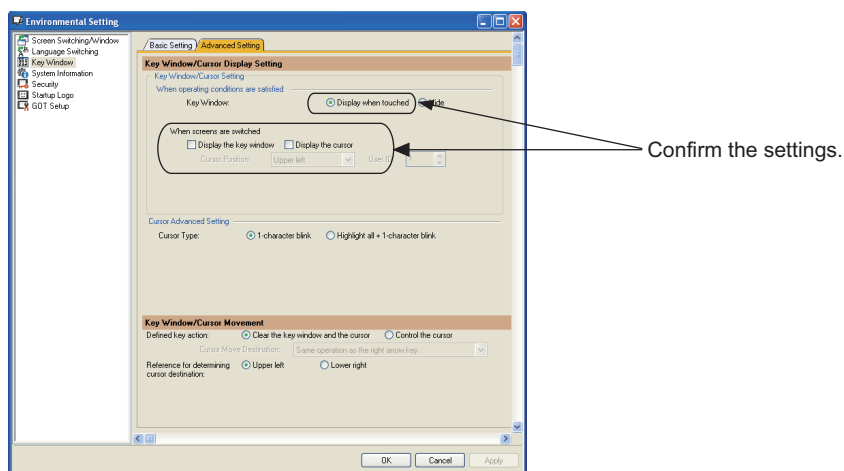
GOT-F900 Series					GT10, GT11, GT15
Auxiliary Setting	Key Window/Cursor display setting	Action when switching screen	Don't display cursor and key window	→	Reflected in [GOT Setting]-[Environmental Setting]-[Key Window]-[Advanced Setting]-[When screens are switched].
			Display cursor only	→	
			Display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



## ■ Confirmation after conversion

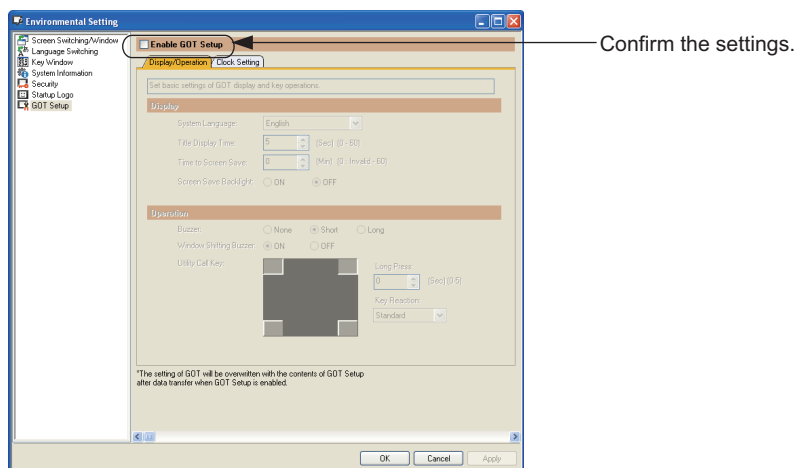
### (1) Key Window/Cursor Display Setting

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



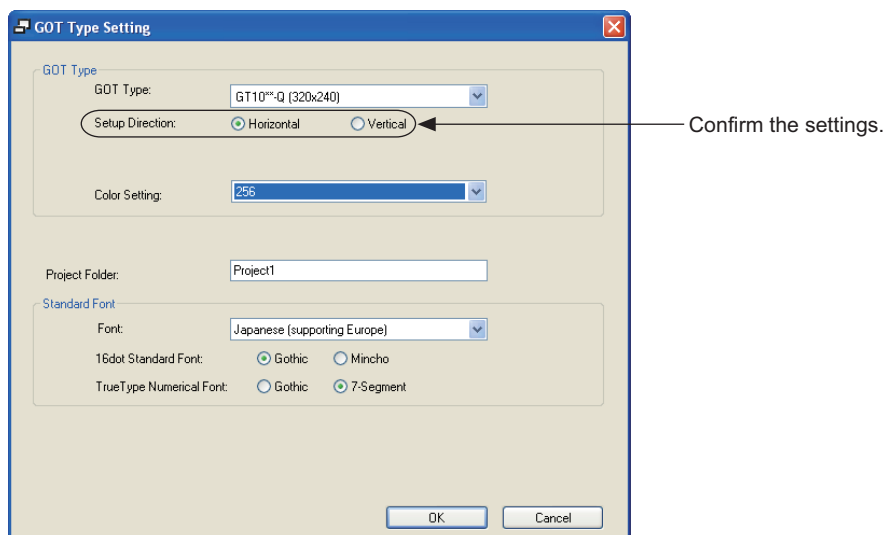
### (2) Use Serial Port, Setup language, Menu Key

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



### (3) Format

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



## 6.1.3 [Common] System Environment-System Information

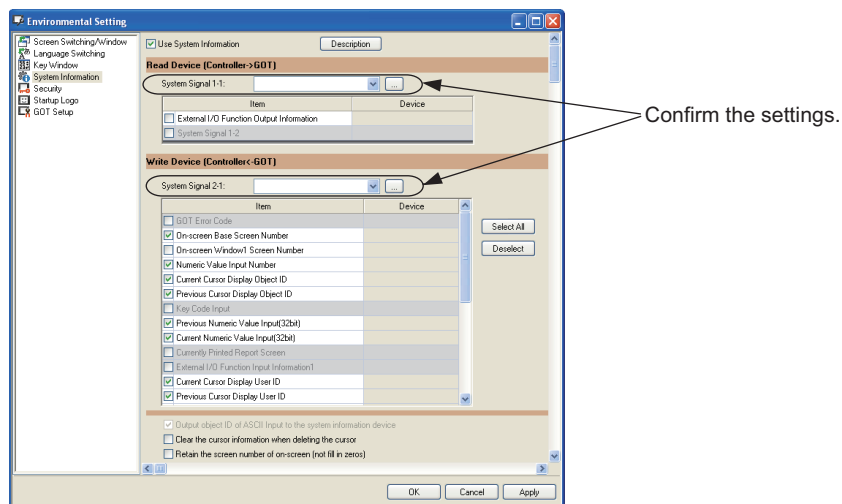
### ■ Conversion summary

[System Information] is converted according to the following.

GOT-F900 Series				GT10, GT11, GT15
System Information	Read Device	Device Value	→	Reflected in [GOT Setting]-[System Information].
		Checked/Not checked Current Recipe No.	→	Not supported.
	Write Device	Device Value	→	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

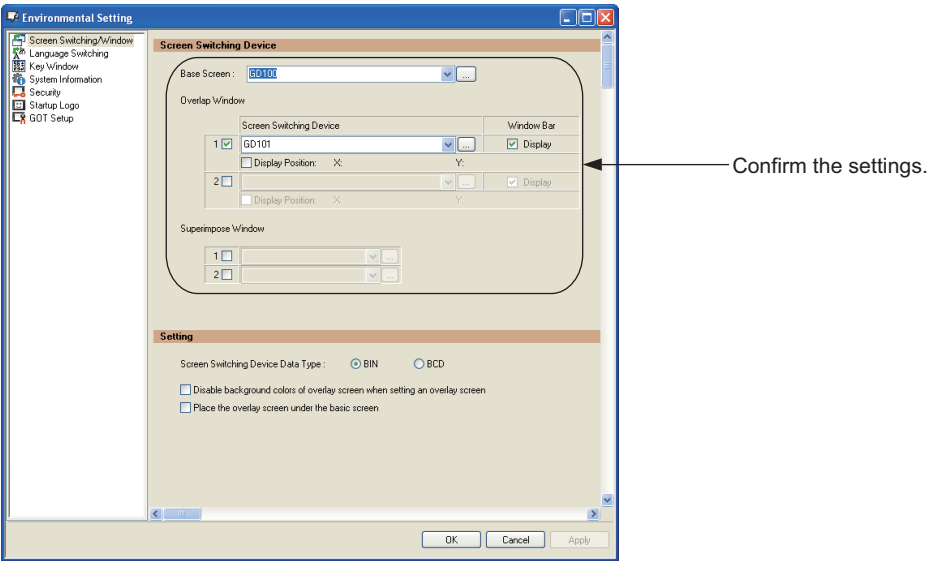
■ Conversion summary

[Screen Switching] is converted according to the following.

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

■ Confirmation after conversion

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



**POINT**

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.

6.1.5 [Common] System Environment-Password

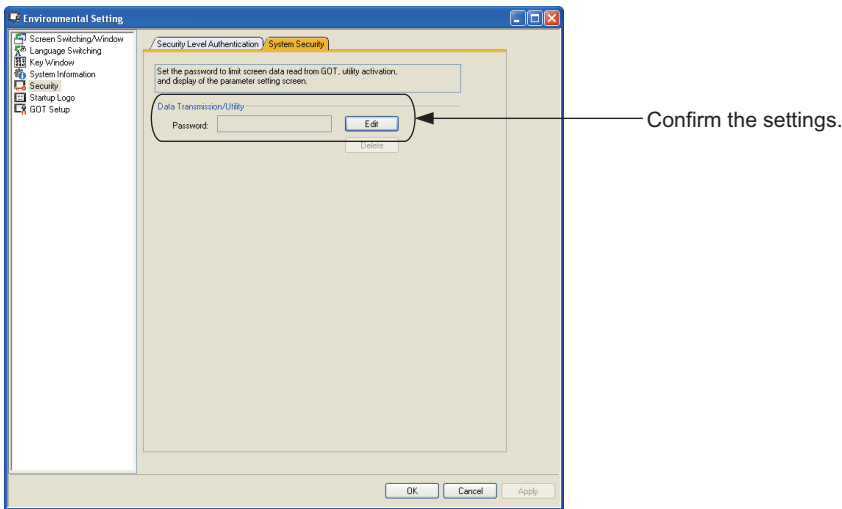
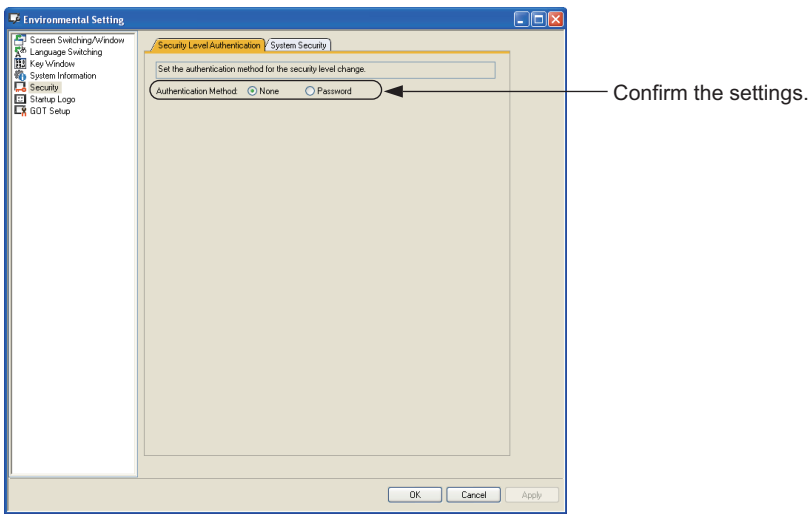
■ Conversion summary

[Password] is converted according to the following.

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

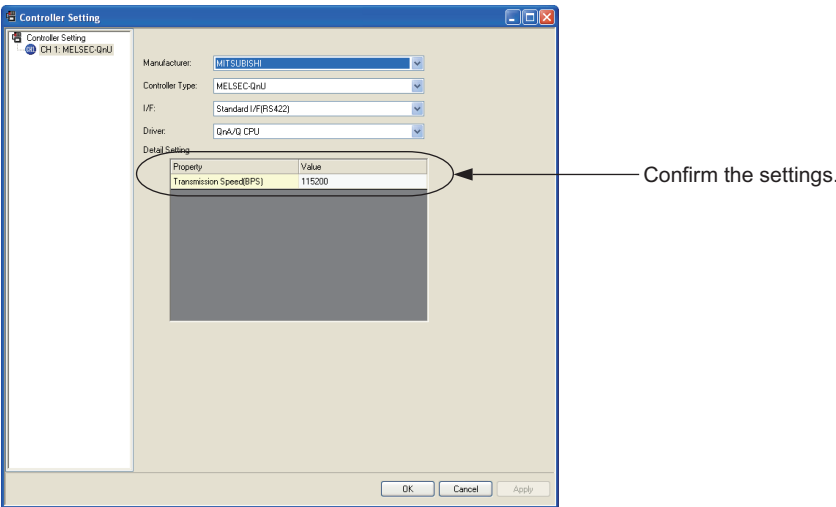
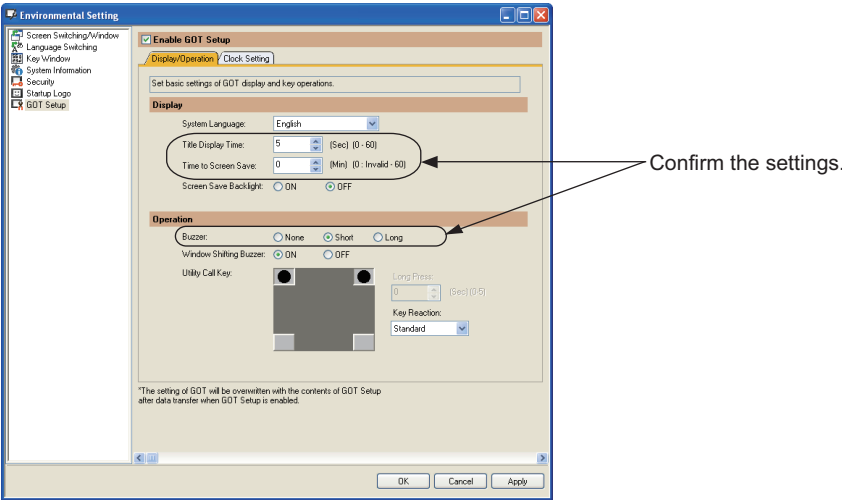
■ Conversion summary

[GOT Setup] is converted according to the following.

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

■ Confirmation after conversion

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



### 6.1.7 [Common] System Environment-Language

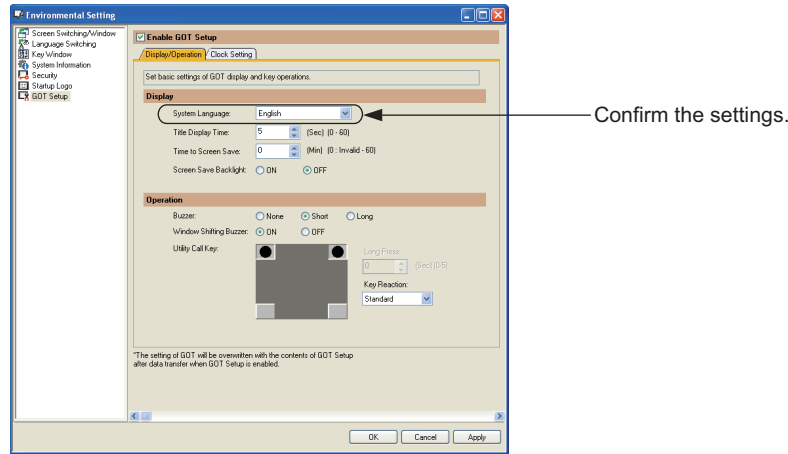
■ Conversion summary

[Language] is converted according to the following.

GOT-F900 Series				GT10, GT11, GT15
Language	System Language	English	→	Reflected in [GOT Setting]-[Environmental Setting]-[GOT Setup]-[Display/Operation].
		Japanese	→	
		Chinese (Simplified)	→	
	Character Set	Japanese	→	Not supported.
		Chinese (Simplified)	→	
		Chinese (Traditional)	→	
		West Europe	→	
		Korea	→	
	Date Format	Europe	→	
		USA	→	

■ Confirmation after conversion

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



# 6.1.8 [Common] System Environment-Handy GOT

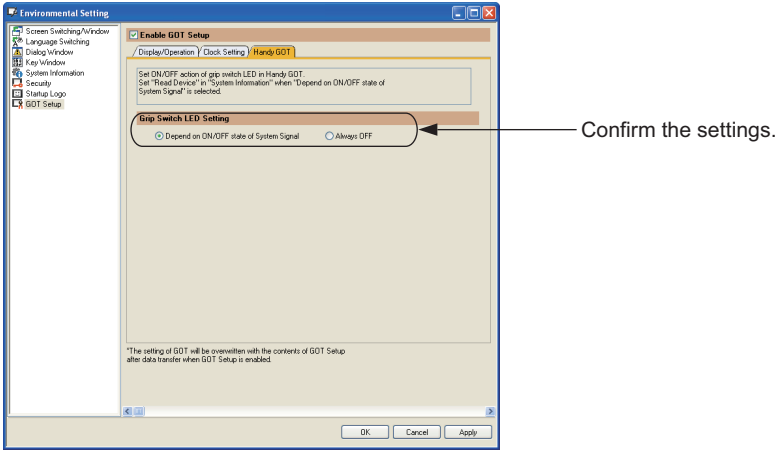
## ■ Conversion summary

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



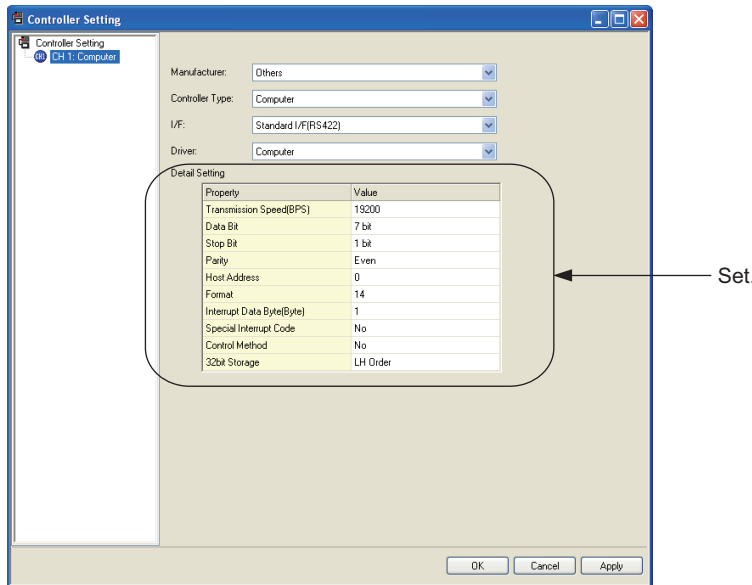
## 6.1.9 [Common] System Environment-Serial Port

### ■ 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.



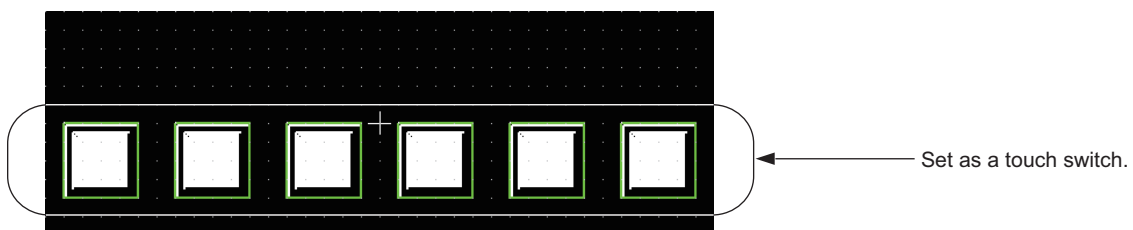
## 6.1.10 [Common] Operation Panel

### ■ Alternative method summary

Set each setting assigned to the operation switch as a touch switch.

### ■ Setting screen

Set in the following.





## 6.1.11 [Common] Alarm History

### ■ Conversion summary

[Alarm History] is converted according to the following.

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

## ■ Confirmation after conversion

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

**Alarm History**

Basic / Option

☒ Use Alarm History

Mode: ☒ Historical ☐ Cumulative

Number of Alarms: 10 Watch Cycle: 20 (x100ms)

Data Type: Bit Device Setting: ☒ Continuous ☐ Random ☐ Identical

Comment

Comment No.: ☒ Continuous ☐ Random

Comment Type: ☒ Basic Comment ☐ Comment Group

Detail

Display Destination: Not Display

Detail No.: ☒ Continuous ☐ Random

Comment Type: ☒ Basic Comment ☐ Comment Group

Im Ex Copy...

	Device	Alarm Range	Comment No.	Comment Selection	Detail	RST	RST Value
1			1		0	-	0
2			2		0	-	0
3			3		0	-	0
4			4		0	-	0
5			5		0	-	0
6			6		0	-	0

OK Cancel

Confirm the settings.

**Alarm History**

Basic / Option

☒ Number of Histories: [ ]

☒ History Clear Trigger: [ ]

Store to Memory Card

☐ Store to Memory Card

Drive Name: D: Built-in SRAM

Folder Name: AlarmData

File Name: ALARMHST.CSV

☒ Create a CSV file simultaneously CSV Storage Comment Column No: 1

The setting is enabled when "Comment Group" is selected for "Comment Type" in the Basic tab.

☐ Writing Notification Device: [ ]

☐ Writing Error Notification Device: [ ]

☐ Clear the oldest history when the number of histories exceeds the specified value

OK Cancel

Confirm the settings.

## 6.1.12 [Common] Floating Alarm

### ■ Conversion summary

[Floating Alarm] is converted according to the following.

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

### ■ Confirmation after conversion

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

Confirm the settings.

Confirm the settings.

## 6.1.13 [Object] Bit Switch

### ■ Conversion summary

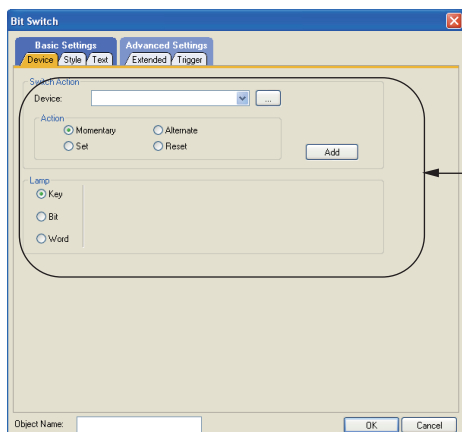
[Bit Switch] is converted according to the following.

GOT-F900 Series						GT10, GT11, GT15		
Bit Switch	Basic	Switch Action	Device		→	Reflected in [Bit Switch]-[Device]-[Device].		
			Set		→	Reflected to [Bit Switch]-[Device]-[Action]. The Alternate is reflected as Alternate.		
			Alternate		→			
			Reset		→			
			Momentary		→			
		Display Style	ON		→	Reflected in [Bit Switch]-[Style].		
			OFF		→			
			Shape	None		→	Reflected in [Bit Switch]-[Style]-[Shape].	
				FGOT_Switch:Basic		→	Reflected in [Bit Switch]-[Style]-[Shape] as @FGOT_Switch:Basic.	
				FGOT_Switch:Rect1(R)		→	Reflected in [Bit Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1(R).	
				FGOT_Switch:Rect1		→	Reflected in [Bit Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1.	
				FGOT_Switch:3DRect1		→	Reflected in [Bit Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect1.	
				FGOT_Switch:3DRect2(R)		→	Reflected in [Bit Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect2(R).	
			Frame		→	Reflected in [Bit Switch]-[Style]-[Shape Attribute].		
		Switch		→				
		Category	Switch		→	Reflected in [Bit Switch]-[Extended]-[Category].		
			Lamp		→			
			Others		→			
			None		→			
		Text/ Lamp	Text	ON		→	Reflected in [Bit Switch]-[Text].	
	OFF			→				
	Text			→				
	Size			1 × 1		→		
				2 × 2		→		
				4 × 4		→		
				Others		→		
	Use 6 × 8 dot font			→	Reflected in [Bit Switch]-[Text]-[Font].			
	Text			→	Reflected in [Bit Switch]-[Text].			
	Lamp		Key		→	Reflected in [Bit Switch]-[Device]-[Lamp].		
			Bit		→			
	Trigger		Simultaneous Press			→	Reflected in [Bit Switch]-[Extended]-[Simultaneous Press].	
			Trigger Type	Ordinary		→	Reflected in [Bit Switch]-[Trigger]-[Trigger Type].	
				ON		→		
				OFF		→		
		Auto Repeat			→	Reflected in [Bit Switch]-[Trigger]-[Repeat the operation while the switch is pressed].		

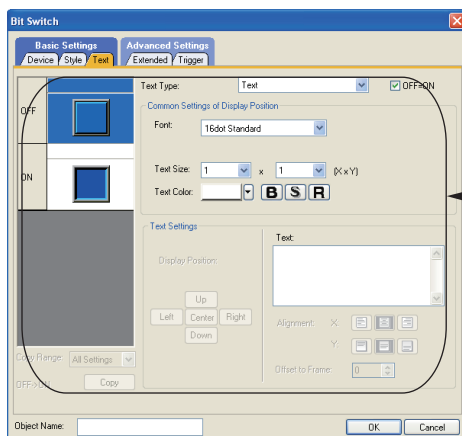
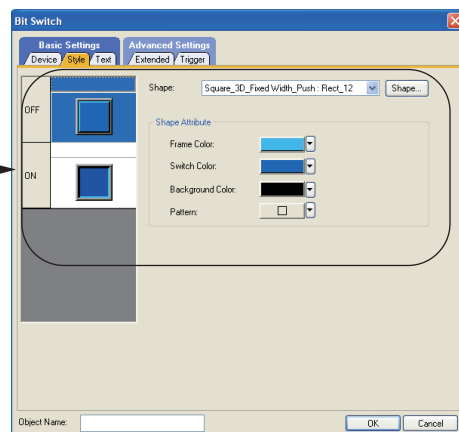
GOT-F900 Series					GT10, GT11, GT15			
Bit Switch	Action	Bit...	Device		→	Reflected in [Object]-[Switch]-[Action]-[Bit]-[Device].		
			Action	Set	→	Set	Reflected in [Object]-[Switch]-[Action]-[Bit]-[Action].	
				Alternate	→	Alternate		
				Reset	→	Reset		
				Momentary	→	Momentary		
		Word...	Device		→	Reflected in [Object]-[Switch]-[Action]-[Word]-[Device].		
			Data Size	16 Bit	→	Integrated and reflected in [Object]-[Switch]-[Action]-[Word]-[Data Type].		
				32 Bit	→			
			Data Type	Signed BIN	→			
				Unsigned BIN	→			
			Set Value	Fixed	→	Reflected in [Object]-[Switch]-[Action]-[Word]-[Setting Value]-[Constant].		
				Indirect	→	Reflected in [Object]-[Switch]-[Action]-[Word]-[Setting Value]-[Indirect Device].		
			Initial Value Condition	Condition Value	→	Reflected in [Object]-[Switch]-[Action]-[Word]-[Initial Value Condition].		
				Reset Value	→			
			Base...	Next Screen	Fixed	→	Reflected in [Object]-[Switch]-[Action]-[Screen Switching]-[Base].	
		Previous			→			
		Recipe...	Recipe No.	Direct	→	Not supported.		
				Indirect	→			
			Function	GOT → PLC	→			
				PLC → GOT	→			
		Data Change...	Switch Action	User ID		→	Reflected in [Object]-[Switch]-[Action]-[User ID for a key input and data change].	
				Keyboard Type	DEC 8 × 4	→	Not supported.	
					DEC 8 × 8	→		
					DEC 16 × 2	→		
					DEC 16 × 4	→		
					HEX 10 × 4	→		
					HEX 10 × 8	→		
					ALPHANUM 16 × 5	→		
					ALPHA 16 × 5	→		
				Keyboard Location	X	→	Reflected in [Object]-[Switch]-[Action]-[Key Window display]-[Key Window Position].	
			Y		→			
		Key Code				→	Reflected in [Object]-[Switch]-[Action]-[Key Code]-[Key Code type].	

## ■ Resettings after conversion

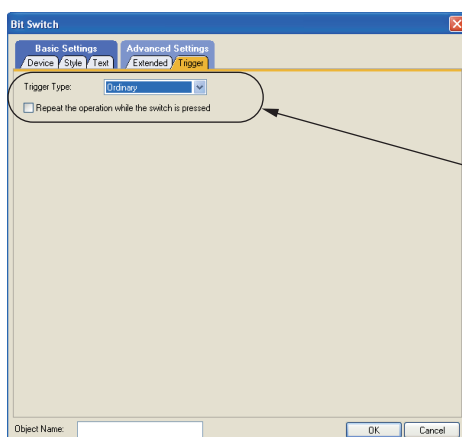
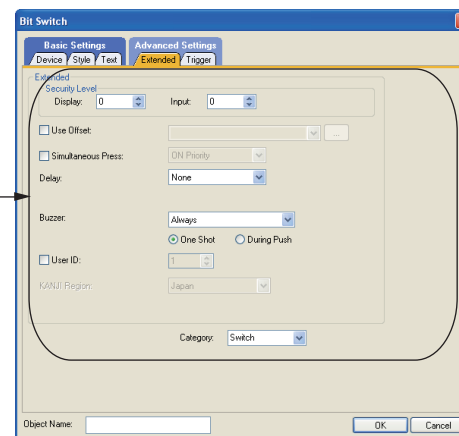
After converting the data to GOT1000 Series, confirm the settings in the following.



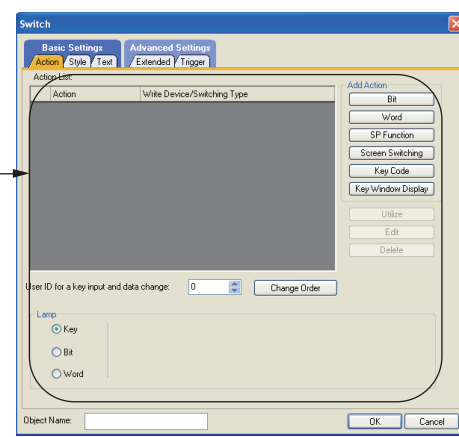
Confirm the settings.



Confirm the settings.



Confirm the settings.



## 6.1.14 [Object] Data Set Switch

### ■ Conversion summary

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

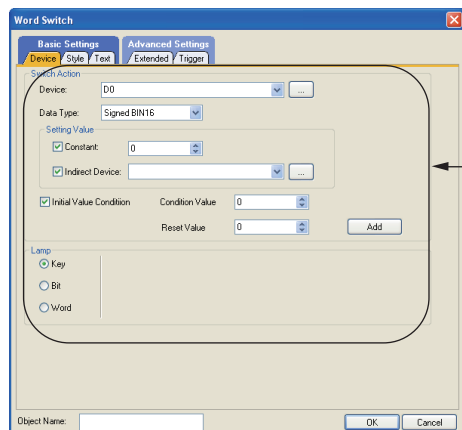
GOT-F900 Series					GT10, GT11, GT15
Data Set Switch	Basic	Switch Action	Device		→ Reflected in [Word Switch]-[Device]-[Device].
			Data Size	16 Bit	→
				32 Bit	→
			Data Type	Signed BIN	→
				Unsigned BIN	→
			Integrated and reflected in [Word Switch]-[Device]-[Data Type].		
		Set Value	Fixed		→ Reflected in [Word Switch]-[Device]-[Setting Value]-[Constant].
			Indirect		→ Reflected in [Word Switch]-[Device]-[Setting Value]-[Indirect Device].
		Display Style	ON		→ Reflected in [Word Switch]-[Style].
			OFF		→
			Shape	None	→ Reflected in [Word Switch]-[Style]-[Shape].
				FGOT_Switch:Basic	→ Reflected in [Word Switch]-[Style]-[Shape] as @FGOT_Switch:Basic.
				FGOT_Switch:Rect1(R)	→ Reflected in [Word Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1(R).
				FGOT_Switch:Rect1	→ Reflected in [Word Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1.
				FGOT_Switch:3DRect1	→ Reflected in [Word Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect1.
				FGOT_Switch:3DRect2(R)	→ Reflected in [Word Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect2(R).
			Frame		→
			Switch		→ Reflected in [Word Switch]-[Style]-[Shape Attribute].
		Category	Switch		→
			Lamp		→
			Others		→ Reflected in [Word Switch]-[Extended]-[Category].
			None		→
	Text/Lamp	Text	ON		→
			OFF		→
			Text		→
			Size	1 × 1	→
				2 × 2	→
				4 × 4	→
				Others	→
			Use 6 × 8 dot font		→ Reflected in [Word Switch]-[Text]-[Font].
			Text		→ Reflected in [Word Switch]-[Text].
		Lamp	Key		→
			Bit		→ Reflected in [Word Switch]-[Device]-[Lamp].
	Extended	Initial Value Condition	Condition Value		→
			Reset Value		→ Reflected in [Word Switch]-[Device]-[Initial Value Condition].

GOT-F900 Series					GT10, GT11, GT15			
Data Set Switch	Trigger	Simultaneous Press			→	Reflected in [Word Switch]-[Extended]-[Simultaneous Press].		
		Trigger Type	Ordinary		→	Reflected in [Word Switch]-[Trigger]-[Trigger Type].		
			ON		→			
			OFF		→			
	Auto Repeat			→	Reflected in [Word Switch]-[Trigger]-[Repeat the operation while the switch is pressed].			
	Action	Bit...	Device		→	Reflected in [Object]-[Switch]-[Action]-[Bit]-[Device].		
			Action	Set	→	Set	Reflected in [Object]-[Switch]-[Action]-[Bit]-[Action].	
				Alternate	→	Alternate		
				Reset	→	Reset		
				Momentary	→	Momentary		
		Word...	Device		→	Reflected in [Object]-[Switch]-[Action]-[Word]-[Device].		
			Data Size	16 bit	→	Integrated and reflected in [Object]-[Switch]-[Action]-[Word]-[Data Type].		
				32 bit	→			
			Data Type	Signed BIN	→			
				Unsigned BIN	→			
			Set Value	Fixed	→	Reflected in [Object]-[Switch]-[Action]-[Word]-[Setting Value]-[Constant].		
				Indirect	→	Reflected in [Object]-[Switch]-[Action]-[Word]-[Setting Value]-[Indirect Device].		
			Initial Value Condition	Condition Value	→	Reflected in [Object]-[Switch]-[Action]-[Word]-[Initial Value Condition].		
				Reset Value	→			
		Base...	Next Screen	Fixed	→	Reflected in [Object]-[Switch]-[Action]-[Screen Switching]-[Base].		
				Previous	→			
		Recipe...	Recipe No.	Direct	→	Not supported.		
				Indirect	→			
			Function	GOT → PLC	→			
				PLC → GOT	→			
		Data Change...	Switch Action	User ID		→	Reflected in [Object]-[Switch]-[Action]-[User ID for a key input and data change].	
				Keyboard Type	DEC 8 × 4	→	Not supported.	
					DEC 8 × 8	→		
					DEC 16 × 2	→		
					DEC 16 × 4	→		
					HEX 10 × 4	→		
					HEX 10 × 8	→		
					ALPHANUM 16 × 5	→		
					ALPHA 16 × 5	→		
				Keyboard Location	X	→	Reflected in [Object]-[Switch]-[Action]-[Key Window display]-[Key Window Position].	
					Y	→		
				Key Code			→	Reflected in [Object]-[Switch]-[Action]-[Key Code]-[Code Setting].

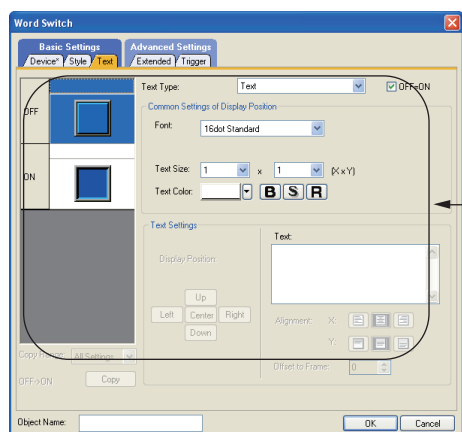
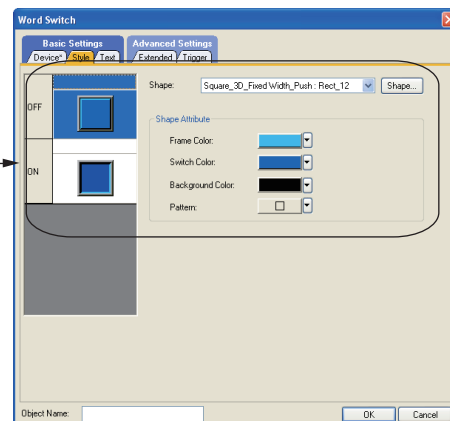


## ■ Resettings after conversion

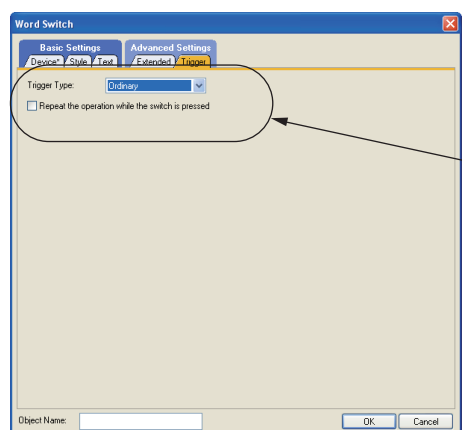
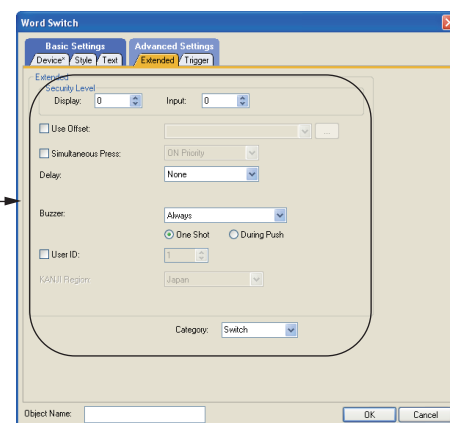
After converting the data to GOT1000 Series, confirm the settings in the following.



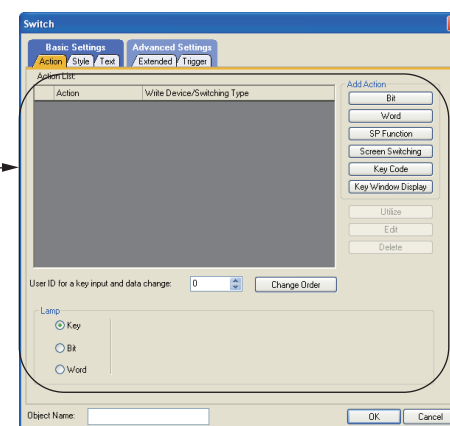
Confirm the settings.



Confirm the settings.



Confirm the settings.



## 6.1.15 [Object] Special Function Switch

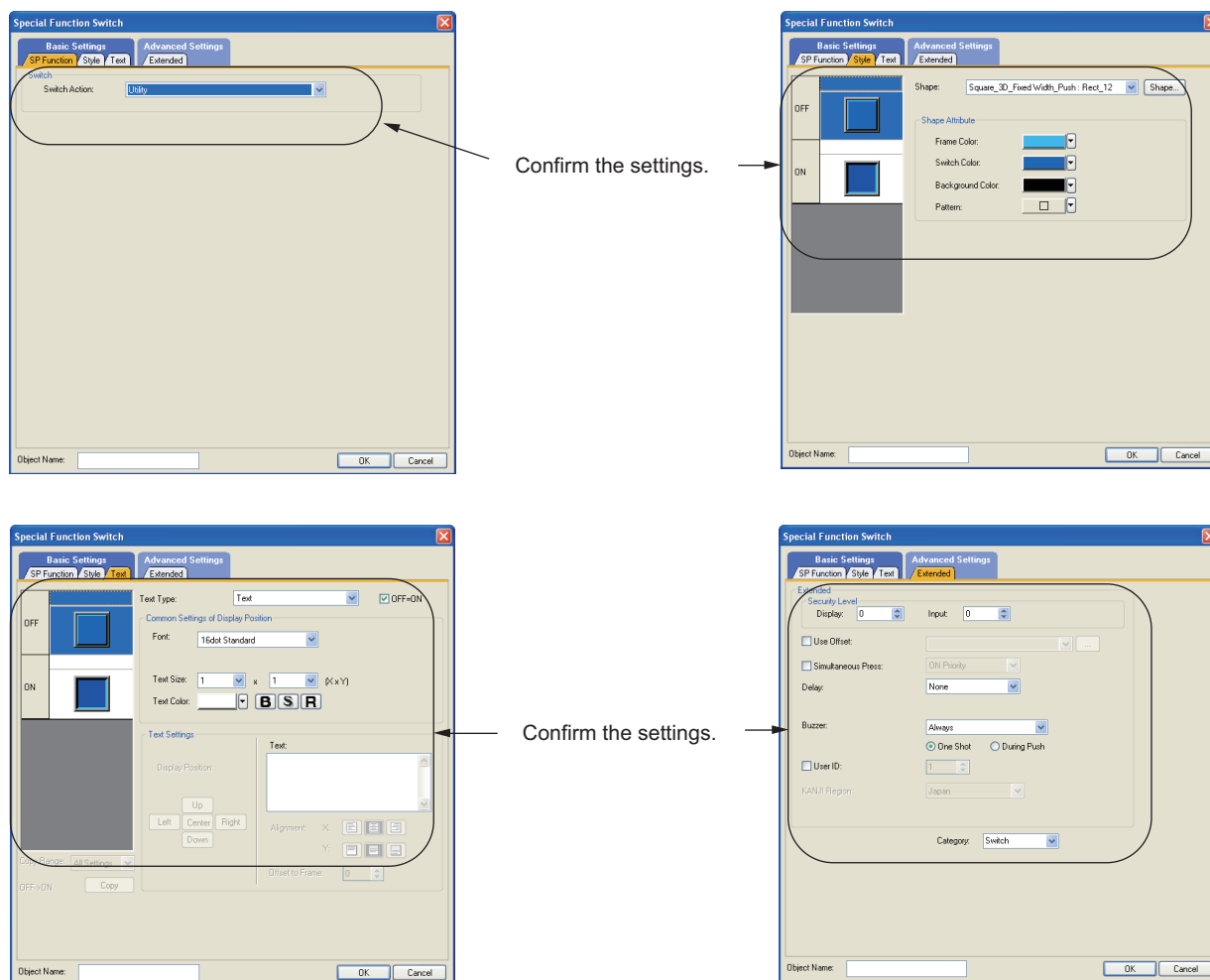
### ■ Conversion summary

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

GOT-F900 Series						GT10, GT11, GT15	
Special Function Switch	Basic	Switch Action	Password		→	Reflected in [Special Function Switch]-[SP Function]-[Switch Action] as Utility.	
			Change Brightness		→		
			Clock Setting		→		
			List Editor		→		
		Display Style	ON		→	Reflected in [Special Function Switch]-[Style].	
			OFF		→		
			Shape	None		→	Reflected in [Special Function Switch]-[Style]-[Shape].
				FGOT_Switch:Basic		→	Reflected in [Special Function Switch]-[Style]-[Shape] as @FGOT_Switch:Basic.
				FGOT_Switch:Rect1(R)		→	Reflected in [Special Function Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1(R).
				FGOT_Switch:Rect1		→	Reflected in [Special Function Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1.
				FGOT_Switch:3DRect1		→	Reflected in [Special Function Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect1.
				FGOT_Switch:3DRect2(R)		→	Reflected in [Special Function Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect2(R).
			Frame		→	Reflected in [Special Function Switch]-[Style]-[Shape Attribute].	
		Switch		→			
		Category	Switch		→	Reflected in [Special Function Switch]-[Extended]-[Category].	
			Lamp		→		
			Others		→		
			None		→		
	Text/ Lamp	Text	ON		→	Reflected in [Special Function Switch]-[Text].	
			OFF		→		
			Text		→		
			Size	1 × 1			→
				2 × 2			→
				4 × 4			→
				Others			→
			Use 6 × 8 dot font		→	Reflected in [Special Function Switch]-[Text]-[Font].	
		Text		→	Reflected in [Special Function Switch]-[Text].		
		Lamp	Key		→		
			Bit		→		
		Trigger	Simultaneous Press		Checked/Not checked	→	Not supported.
	Trigger Type		Ordinary		→		
			ON		→		
			OFF		→		
			Auto Repeat		Checked/Not checked	→	

## ■ Resettings after conversion

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



## 6.1.16 [Object] Go to Screen Switch

### ■ Conversion summary

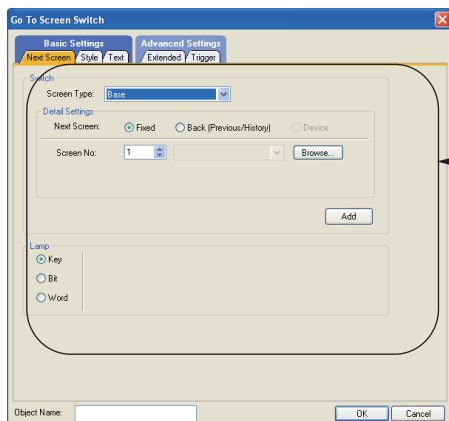
[Go to Screen Switch] is converted according to the following.

GOT-F900 Series					GT10, GT11, GT15
Go to Screen Switch	Basic	Go To Screen	Fixed	→	Reflected in [Go To Screen Switch]-[Next Screen].
			Previous	→	
		Display Style	ON	→	Reflected in [Go To Screen Switch]-[Style].
			OFF	→	
			Shape	None	Reflected in [Go To Screen Switch]-[Style]-[Shape].
				FGOT_Switch:Basic	Reflected in [Go To Screen Switch]-[Style]-[Shape] as @FGOT_Switch:Basic.
				FGOT_Switch:Rect1(R)	Reflected in [Go To Screen Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1(R).
				FGOT_Switch:Rect1	Reflected in [Go To Screen Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1.
				FGOT_Switch:3DRect1	Reflected in [Go To Screen Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect1.
				FGOT_Switch:3DRect2(R)	Reflected in [Go To Screen Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect2(R).
			Frame	→	Reflected in [Go To Screen Switch]-[Style]-[Shape Attribute].
			Switch	→	
		Category	Switch	→	Reflected in [Go To Screen Switch]-[Extended]-[Category].
			Lamp	→	
			Others	→	
			None	→	
	Text/ Lamp	Text	ON	→	Reflected in [Go To Screen Switch]-[Text].
			OFF	→	
			Text	→	
			Size	1 × 1	
				2 × 2	
				4 × 4	
				Others	
			Use 6 × 8 dot font	→	Reflected in [Go To Screen Switch]-[Font].
			Text	→	Reflected in [Go To Screen Switch]-[Text].
		Lamp	Key	→	Reflected in [Go To Screen Switch]-[Next Screen]-[Lamp].
			Bit	→	

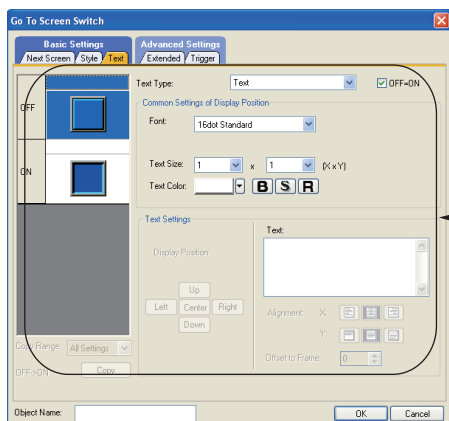
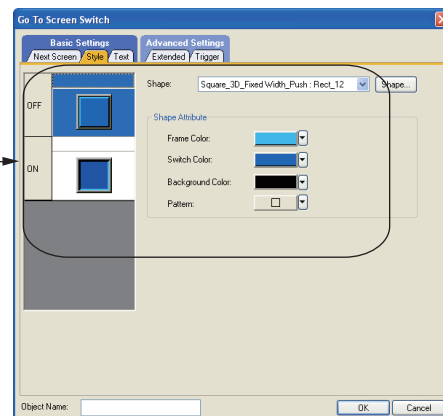
GOT-F900 Series					GT10, GT11, GT15			
Go to Screen Switch	Trigger	Simultaneous Press			→	Reflected in [Go To Screen Switch]-[Extended]-[Simultaneous Press].		
		Trigger Type	Ordinary		→	Reflected in [Go To Screen Switch]-[Trigger]-[Trigger Type].		
			ON		→			
			OFF		→			
	Auto Repeat			→	Reflected in [Switch]-[Trigger]-[Repeat the operation the switch is pressed].			
	Action	Bit...	Device			→	Reflected in [Object]-[Switch]-[Action]-[Bit]-[Device].	
			Action	Set		→	Set	Reflected in [Object]-[Switch]-[Action]-[Bit]-[Action].
				Alternate		→	Alternate	
				Reset		→	Reset	
				Momentary		→	Momentary	
		Word...	Device			→	Reflected in [Object]-[Switch]-[Action]-[Word]-[Device].	
			Data Size	16 Bit		→	Integrated and reflected in [Object]-[Switch]-[Action]-[Word]-[Data Type].	
				32 Bit		→		
			Data Type	Signed BIN		→		
				Unsigned BIN		→		
			Set Value	Fixed		→	Reflected in [Object]-[Switch]-[Action]-[Word]-[Setting Value]-[Constant].	
				Indirect		→	Reflected in [Object]-[Switch]-[Action]-[Word]-[Setting Value]-[Indirect Device].	
			Initial Value Condition	Condition Value		→	Reflected in [Object]-[Switch]-[Action]-[Word]-[Initial Value Condition].	
				Reset Value		→		
			Recipe...	Recipe No.	Direct			→
		Indirect			→			
		Function		GOT → PLC			→	
				PLC → GOT			→	
		Data Change...	Switch Action	User ID			→	Reflected in [Object]-[Switch]-[Action]-[User ID for a key input and data change].
				Keyboard Type	DEC 8 × 4		→	Not supported.
					DEC 8 × 8		→	
					DEC 16 × 2		→	
					DEC 16 × 4		→	
	HEX 10 × 4				→			
	HEX 10 × 8				→			
	ALPHANUM 16 × 5				→			
	ALPHA 16 × 5			→				
	Keyboard Location			X		→	Reflected in [Object]-[Switch]-[Action]-[Key Window Display]-[Key Window Position].	
				Y		→		
	Key Code			→	Reflected in [Object]-[Switch]-[Action]-[Key Code]-[Code Setting].			

## ■ Resettings after conversion

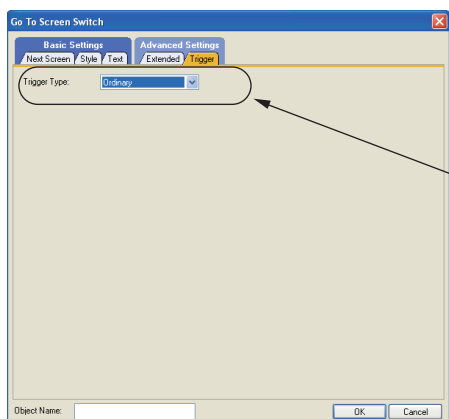
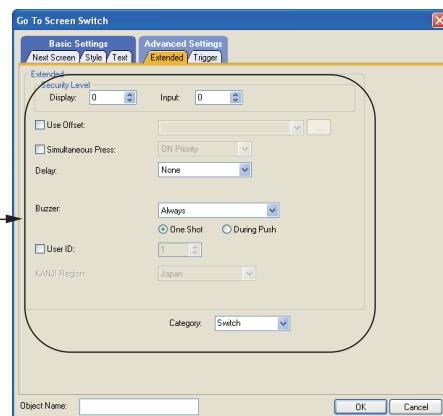
After converting the data to GOT1000 Series, confirm the settings in the following.



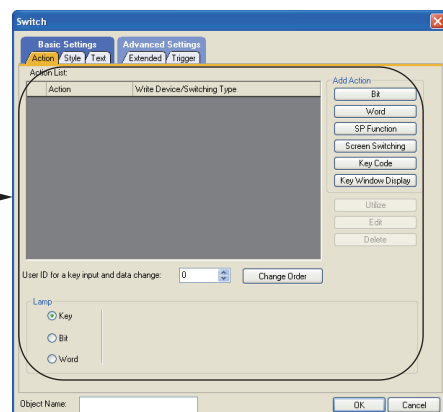
Confirm the settings.



Confirm the settings.



Confirm the settings.



## 6.1.17 [Object] Data Change Switch

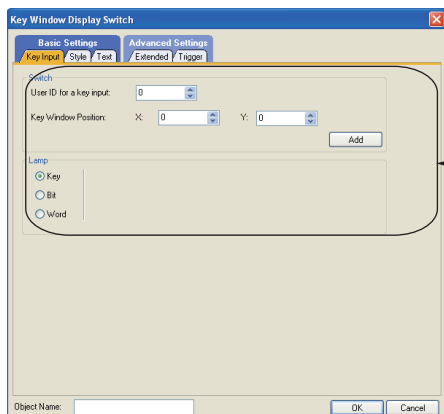
### ■ Conversion summary

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

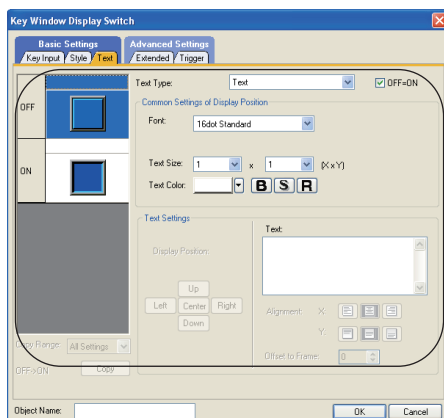
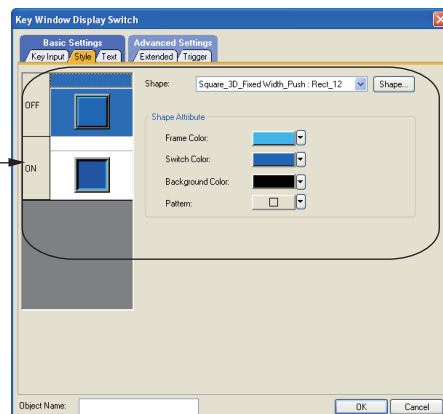
GOT-F900 Series						GT10, GT11, GT15		
Data Change Switch	Basic	Switch Action	User ID		→	Reflected in [Key Window Display Switch]-[Key Input]-[User ID for a key input].		
			Keyboard Type		→	Not supported.		
			X		→	Reflected in [Key Window Display Switch]-[Key Input]-[Key Window Position].		
			Y		→			
		Display Style	ON		→	Reflected in [Key Window Display Switch]-[Style].		
			OFF		→			
			Shape	None		→	Reflected in [Key Window Display Switch]-[Style]-[Shape].	
				FGOT_Switch:Basic		→	Reflected in [Key Window Display Switch]-[Style]-[Shape] as @FGOT_Switch:Basic.	
				FGOT_Switch:Rect1(R)		→	Reflected in [Key Window Display Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1(R).	
				FGOT_Switch:Rect1		→	Reflected in [Key Window Display Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1.	
				FGOT_Switch:3DRect1		→	Reflected in [Key Window Display Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect1.	
				FGOT_Switch:3DRect2(R)		→	Reflected in [Key Window Display Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect2(R).	
			Frame		→	Reflected in [Key Window Display Switch]-[Style]-[Shape Attribute].		
		Switch		→				
		Category	Switch		→	Reflected in [Key Window Display Switch]-[Extended]-[Category].		
			Lamp		→			
			Others		→			
			None		→			
	Text/ Lamp	Text	ON		→	Reflected in [Key Window Display Switch]-[Text].		
			OFF		→			
			Text		→			
			Size	1 × 1				→
				2 × 2				→
				4 × 4				→
				Others				→
			Use 6 × 8 dot font		→			Reflected in [Key Window Display Switch]-[Text]-[Font].
		Text		→	Reflected in [Key Window Display Switch]-[Text].			
		Lamp	Key		→	Reflected in [Key Window Display Switch]-[Key Input]-[Lamp].		
			Bit		→			
	Trigger	Simultaneous Press			→	Reflected in [Key Window Display Switch]-[Extended]-[Simultaneous Press].		
		Trigger Type	Ordinary		→	Reflected in [Key Window Display Switch]-[Trigger]-[Trigger Type].		
			ON		→			
			OFF		→			
		Auto Repeat			→	Reflected in [Key Window Display Switch]-[Trigger]-[Repeat the operation while the switch is pressed].		

## ■ Confirmation after conversion

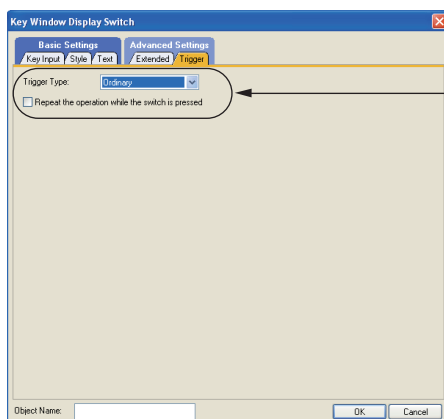
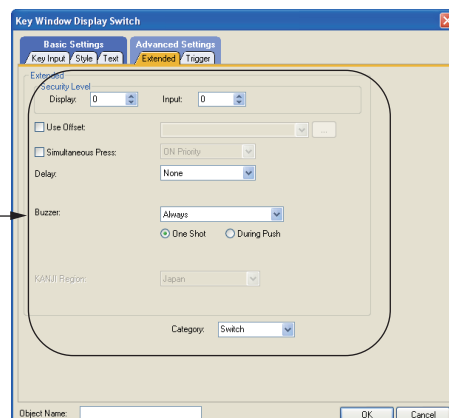
After converting the data to GOT1000 Series, confirm the settings in the following.



Confirm the settings.



Confirm the settings.



Confirm the settings.



## 6.1.18 [Object] Recipe Transfer Switch

### ■ Alternative method summary

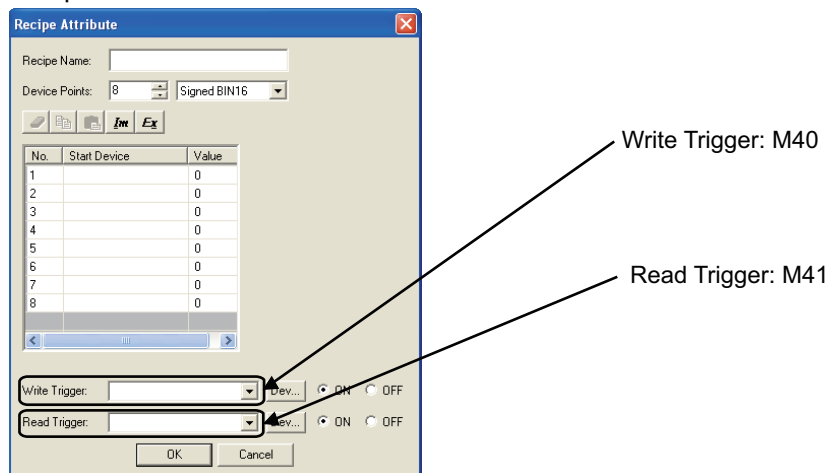
- (1) The recipe transfer switch is deleted when converting to GOT1000 Series.  
Create bit switches linked to the recipe transfer trigger device (write, read) for each recipe name.  
Configure the same operating conditions to the aforementioned bit switches if the operating conditions are for the GOT-F900 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

#### Recipe



## ■ Resettings after conversion

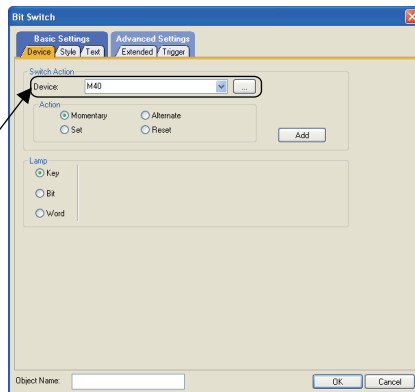
(1) Reestablish the bit switch configuring the write trigger device.

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

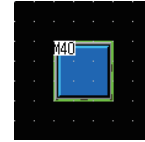
(Setting screen)

Bit switch

Set the device to M40.



(Design screen example)



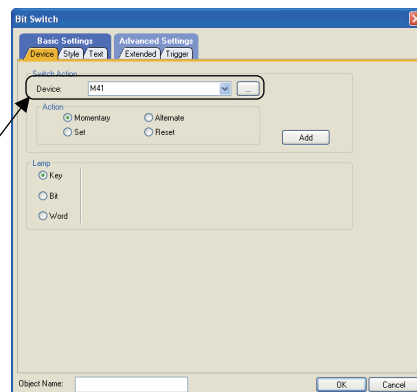
(2) Reestablish the bit switch configuring the read trigger device.

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

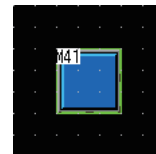
(Setting screen)

Bit switch

Set the device to M41.



(Design screen example)



## 6.1.19 [Object] Key Code Switch

### ■ Conversion summary

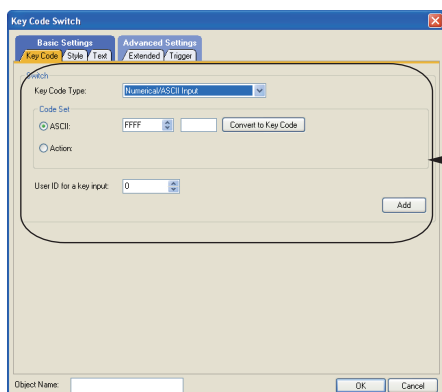
[Key Code Switch] is converted according to the following.

GOT-F900 Series				GT10, GT11, GT15	
Key Code Switch	Basic	Key Code		→	Reflected in [Key Code Switch]-[Key Code]-[Code Set].
		Display Style	ON	→	Reflected in [Key Code Switch]-[Style].
			OFF	→	
			Shape	None	Reflected in [Key Code Switch]-[Style]-[Shape].
				FGOT_Switch: Basic	Reflected in [Key Code Switch]-[Style]-[Shape] as @FGOT_Switch:Basic.
				FGOT_Switch: Rect1(R)	Reflected in [Key Code Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1(R).
				FGOT_Switch: Rect1	Reflected in [Key Code Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1.
				FGOT_Switch: 3DRect1	Reflected in [Key Code Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect1.
				FGOT_Switch: 3DRect2(R)	Reflected in [Key Code Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect2(R).
		Category	Switch	→	Reflected in [Key Code Switch]-[Extended]-[Category].
			Lamp	→	
			Others	→	
			None	→	
	Text/ Lamp	Text	ON	→	Reflected in [Key Code Switch]-[Text].
			OFF	→	
			Text	→	
			Size	1 × 1	
				2 × 2	
				4 × 4	
				Others	
			Use 6 × 8 dot font	→	Reflected in [Key Code Switch]-[Text]-[Font].
			Text	→	Reflected in [Key Code Switch]-[Text].
		Lamp	Key	→	Not supported.
			Bit	→	
	Trigger	Simultaneous Press		→	Reflected in [Key Code Switch]-[Extended]-[Simultaneous Press].
		Trigger Type	Ordinary	→	Reflected in [Key Code Switch]-[Trigger]-[Trigger Type].
			ON	→	
			OFF	→	
		Auto Repeat		→	Reflected in [Key Code Switch]-[Trigger]-[Repeat the operation while the switch is pressed].

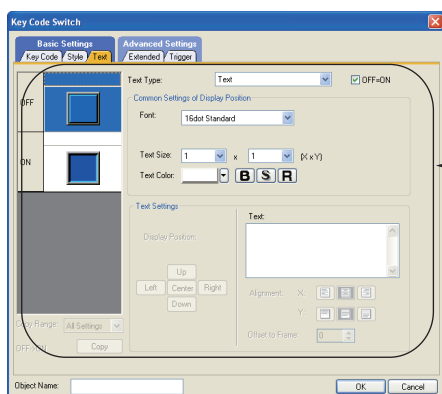
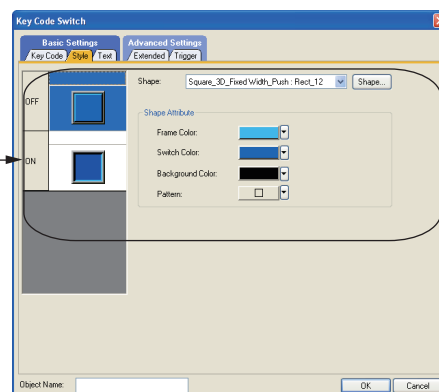
GOT-F900 Series					GT10, GT11, GT15	
Key Code Switch	Action	Bit...	Device		→	Reflected in [Object]-[Switch]-[Action]-[Bit]-[Device].
			Action	Set	→	Set
				Alternate	→	Alternate
				Reset	→	Reset
				Momentary	→	Momentary
		Word...	Device		→	Reflected in [Object]-[Switch]-[Action]-[Word]-[Device].
			Data Size	16 Bit	→	Integrated and reflected in [Object]-[Switch]-[Action]-[Word]-[Data Type].
				32 Bit	→	
			Data Type	Signed BIN	→	
				Unsigned BIN	→	
			Set Value	Fixed	→	Reflected in [Object]-[Switch]-[Action]-[Word]-[Setting Value]-[Constant].
				Indirect	→	Reflected in [Object]-[Switch]-[Action]-[Word]-[Setting Value]-[Indirect Device].
			Initial Value Condition	Condition Value	→	Reflected in [Object]-[Switch]-[Action]-[Word]-[Initial Value Condition].
				Reset Value	→	
		Base...	Next Screen	Fixed	→	Reflected in [Object]-[Switch]-[Action]-[Screen Switching]-[Base].
				Previous	→	
		Recipe...	Recipe No.	Direct	→	Not supported.
				Indirect	→	
			Function	GOT → PLC	→	
				PLC → GOT	→	
		Data Change...	Switch Action	User ID		→
				Keyboard Type	DEC 8 × 4	→
					DEC 8 × 8	→
					DEC 16 × 2	→
					DEC 16 × 4	→
					HEX 10 × 4	→
					HEX 10 × 8	→
					ALPHANUM 16 × 5	→
					ALPHA 16 × 5	→
				Keyboard Location	X	→
					Y	→

## ■ Resettings after conversion

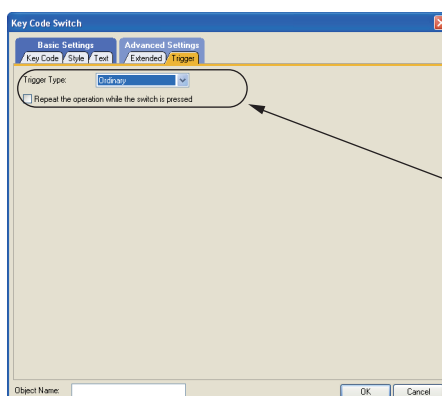
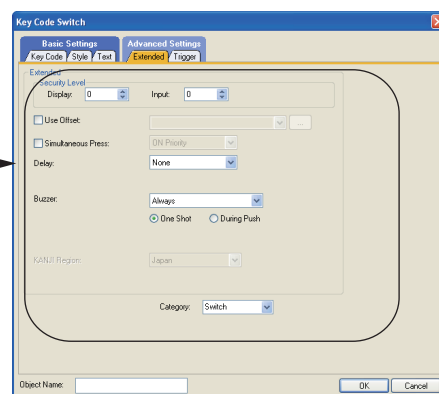
After converting the data to GOT1000 Series, confirm the settings in the following.



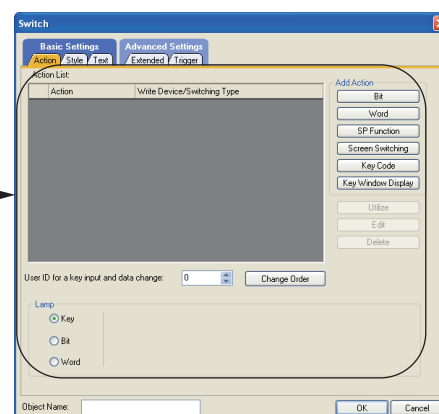
Confirm the settings.



Confirm the settings.



Confirm the settings.



## 6.1.20 [Object] Multi Action Switch

### ■ Conversion summary

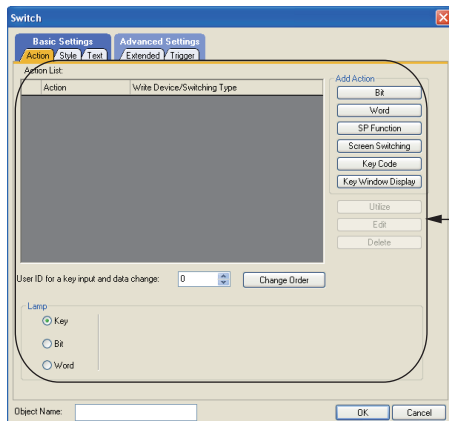
[Multi Action Switch] is converted according to the following.

GOT-F900 Series						GT10, GT11, GT15		
Multi Action Switch	Basic	Bit...	Device		→	Reflected in [Object]-[Switch]-[Action]-[Bit]-[Device].		
			Action	Set	→	Set	Reflected in [Object]-[Switch]-[Action]-[Bit]-[Action].	
				Alternate	→	Alternate		
				Reset	→	Reset		
				Momentary	→	Momentary		
		Word...	Device		→	Reflected in [Object]-[Switch]-[Action]-[Word]-[Device].		
			Data Size	16 Bit	→	Integrated and reflected in [Object]-[Switch]-[Action]-[Word]-[Data Type].		
				32 Bit	→			
			Data Type	Signed BIN	→			
				Unsigned BIN	→			
			Set Value	Fixed	→	Reflected in [Object]-[Switch]-[Action]-[Word]-[Setting Value]-[Constant].		
				Indirect	→	Reflected in [Object]-[Switch]-[Action]-[Word]-[Setting Value]-[Indirect Device].		
			Initial Value Condition	Condition Value	→	Reflected in [Object]-[Switch]-[Action]-[Word]-[Initial Value Condition].		
				Reset Value	→			
		Base...	Next Screen	Fixed	→	Reflected in [Object]-[Switch]-[Action]-[Screen Type]-[Base].		
				Previous	→			
		Recipe...	Recipe No.	Direct	→	Not supported.		
				Indirect	→			
			Function	GOT → PLC	→			
				PLC → GOT	→			
		Data Change...	Switch Action	User ID		→	Reflected in [Object]-[Switch]-[Action]-[User ID for a key input and data change].	
				Keyboard Type	DEC 8 × 4	→	Not supported.	
					DEC 8 × 8	→		
					DEC 16 × 2	→		
					DEC 16 × 4	→		
					HEX 10 × 4	→		
					HEX 10 × 8	→		
					ALPHANUM 16 × 5	→		
				ALPHA 16 × 5	→			
			Keyboard Location	X	→	Reflected in [Object]-[Switch]-[Action]-[Key Window Display]-[Key Window Position].		
				Y	→			
		Key Code				→	Reflected in [Object]-[Switch]-[Action]-[Key Code]-[Code Setting].	

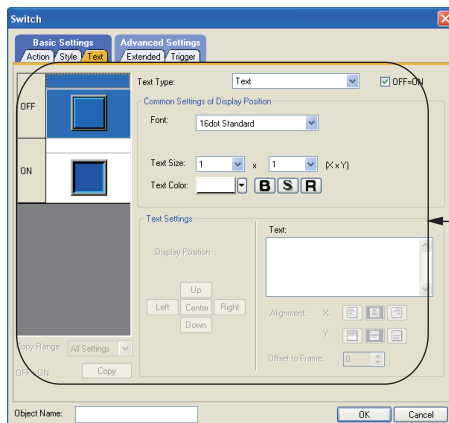
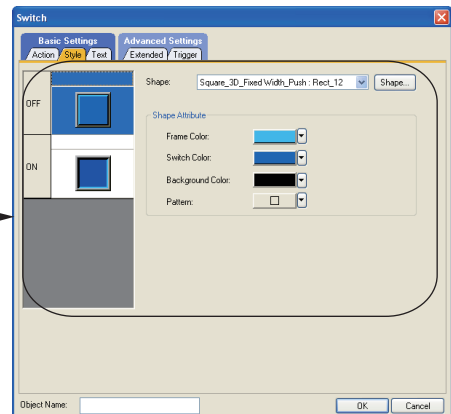
GOT-F900 Series						GT10, GT11, GT15		
Multi Action Switch	Basic	Display Style	ON		→	Reflected in [Object]-[Switch]-[Style].		
			OFF		→			
			Shape	None		→	Reflected in [Object]-[Switch]-[Style]-[Shape].	
				FGOT_Switch:Basic		→	Reflected in [Object]-[Switch]-[Style]-[Shape] as @FGOT_Switch:Basic.	
				FGOT_Switch:Rect1(R)		→	Reflected in [Object]-[Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1(R).	
				FGOT_Switch:Rect1		→	Reflected in [Object]-[Switch]-[Style]-[Shape] as @FGOT_Switch:Rect1.	
				FGOT_Switch:3DRect1		→	Reflected in [Object]-[Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect1.	
				FGOT_Switch:3DRect2(R)		→	Reflected in [Object]-[Switch]-[Style]-[Shape] as @FGOT_Switch:3DRect2(R).	
			Frame		→	Reflected in [Object]-[Switch]-[Style]-[Shape Attribute].		
			Switch		→			
		Category	Switch		→	Reflected in [Object]-[Switch]-[Extended]-[Category].		
			Lamp		→			
			Others		→			
			None		→			
	Text/ Lamp	Text	ON		→	Reflected in [Object]-[Switch]-[Text].		
			OFF		→			
			Text		→			
			Size	1 × 1				→
				2 × 2				→
				4 × 4				→
				Others				→
			Use 6 × 8 dot font		→			Reflected in [Object]-[Switch]-[Text]-[Font].
		Text		→	Reflected in [Object]-[Switch]-[Text].			
		Lamp	Key		→	Not supported.		
			Bit		→			
		Trigger	Simultaneous Press				→	Reflected in [Object]-[Switch]-[Extended]-[Simultaneous Press].
	Trigger Type		Ordinary		→	Reflected in [Object]-[Switch]-[Trigger]-[Trigger Type].		
			ON		→			
			OFF		→			
	Auto Repeat				→	Reflected in [Object]-[Switch]-[Trigger]-[Repeat the operation while the switch is pressed].		

## ■ Resetting after conversion

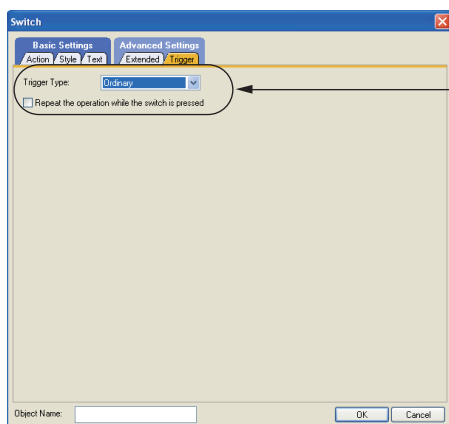
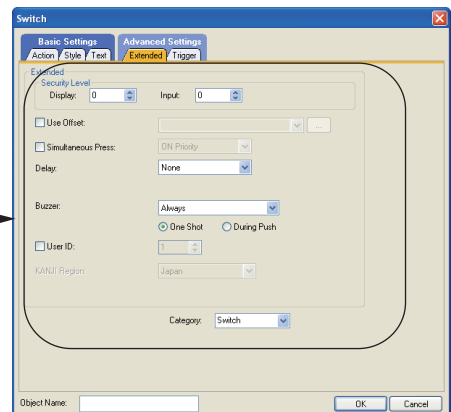
After converting the data to GOT1000 Series, confirm the settings in the following.



Confirm the settings.



Confirm the settings.



Confirm the settings.



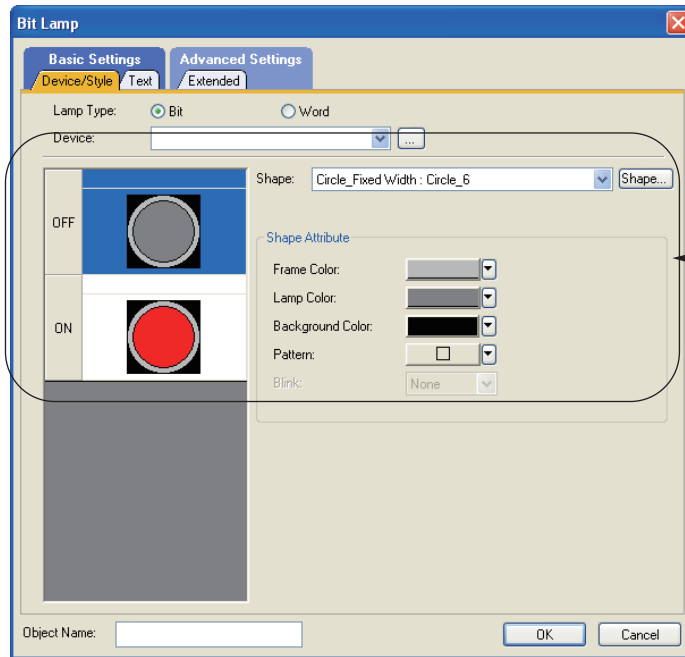
### 6.1.21 [Object] Bit lamp Area

#### ■ 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.



Set again.

### 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

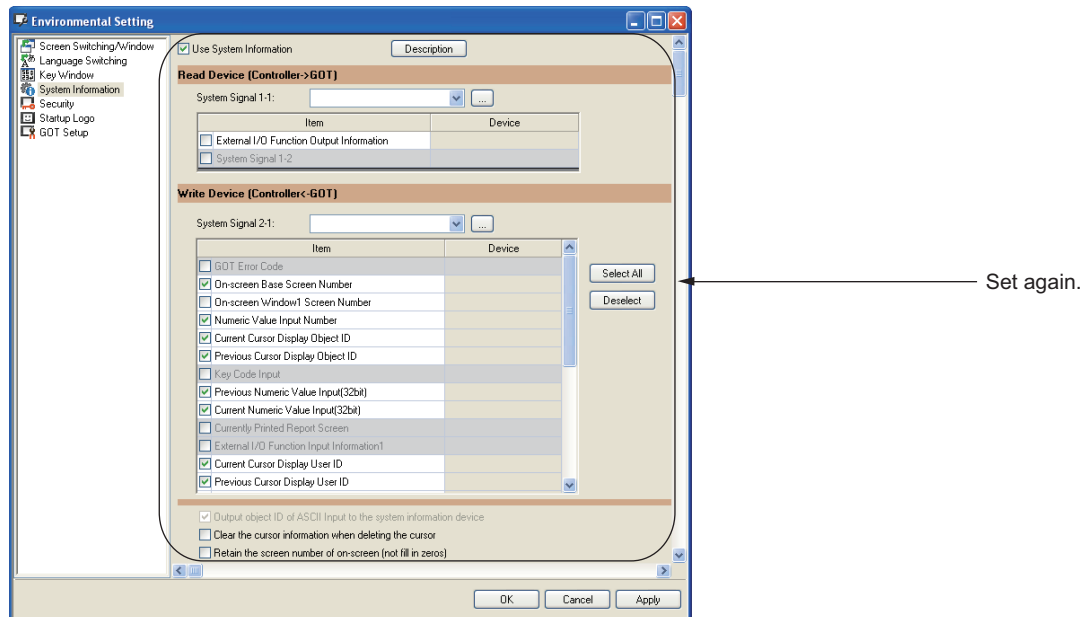
### ■ Alternative method summary

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

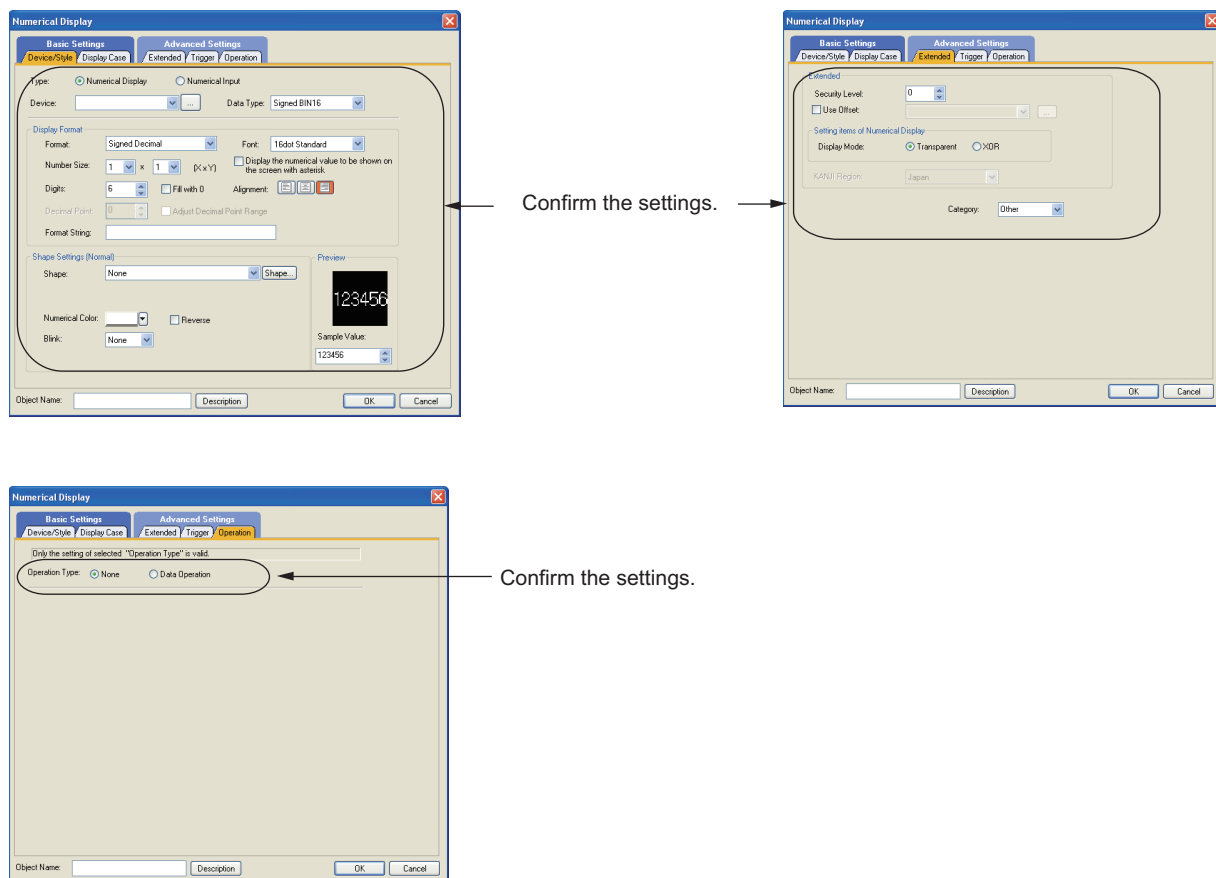
### ■ Conversion summary

[Numerical Display] is converted according to the following.

GOT-F900 Series					GT10, GT11, GT15
Numerical Input	Basic	Type	Numerical Display	→	Reflected in [Numerical Display]-[Device/Style]-[Type].
			Numerical Input	→	
		Device	Device	→	Reflected in [Numerical Display]-[Device/Style]-[Device].
			Data Size	16 Bit	Reflected in [Numerical Display]-[Device/Style]-[Data Type].
				32 Bit	
		Format	Signed Decimal	→	Reflected in [Numerical Display]-[Device/Style]-[Display Format].
			Unsigned Decimal	→	
			Hexadecimal	→	
			Octal	→	
			Binary	→	
			Real	→	
		Color		→	Reflected in [Numerical Display]-[Device/Style]-[Numerical Color].
		Digits		→	Reflected in [Numerical Display]-[Device/Style]-[Digits].
		Decimal point		→	Reflected in [Numerical Display]-[Device/Style]-[Decimal Point].
		Size	1 × 1	→	Reflected in [Numerical Display]-[Device/Style]-[Numerical Size].
			2 × 2	→	
			4 × 4	→	
			Others	→	
		Format String		→	Reflected in [Numerical Display]-[Device/Style]-[Format String].
		Use 6 × 8 dot font		→	Reflected in [Numerical Display]-[Device/Style]-[Font].
		Use High Quality font		→	
	View Format	Frame Format	FGOT_Frame:Basic Rect	→	Reflected in [Numerical Display]-[Device/Style]-[Shape] as FGOT_Frame:Basic Rect.
			FGOT_Frame:3D Rect 1	→	Reflected in [Numerical Display]-[Device/Style]-[Shape] as FGOT_Frame:3D Rect 1.
			FGOT_Frame:3D Rect 2	→	Reflected in [Numerical Display]-[Device/Style]-[Shape] as FGOT_Frame:3D Rect 2.
			None	→	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.
		Category	Switch	→	Reflected in [Numerical Display]-[Extended]-[Category].
			Lamp	→	
			Others	→	
			None	→	
	Extend ed	Data Type	Signed BIN	→	Reflected in [Numerical Display]-[Device/Style]-[Data Type].
			Unsigned BIN	→	
		Alignment	Left	→	Reflected in [Numerical Display]-[Device/Style]-[Alignment].
			Center	→	
			Right	→	
		Fill with Zeros		→	Reflected in [Numerical Display]-[Device/Style]-[Fill with 0].
		Gain1		→	Reflected in [Numerical Display]-[Operation]-[Operation Type]-[Data Operation].
		Gain2		→	
		Offset		→	

## ■ Resetting after conversion

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



## 6.1.25 [Object] Numerical Input

### ■ Conversion summary

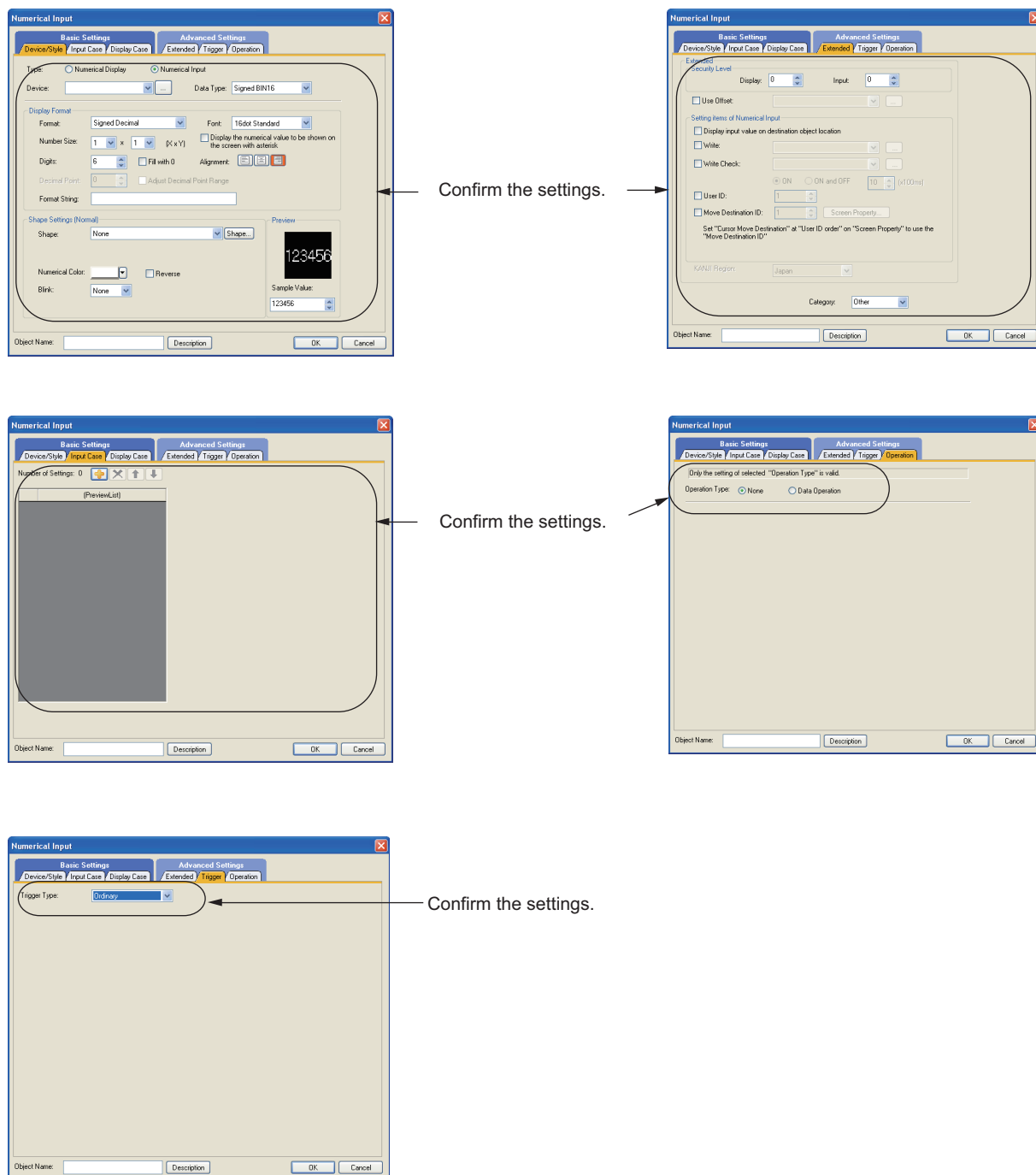
[Numerical Input] is converted according to the following.

GOT-F900 Series						GT10, GT11, GT15					
Numerical Input	Basic	Type	Numerical Display		→	Reflected in [Numerical Input]-[Device/Style]-[Type].					
			Numerical Input		→						
		Device	Device		→	Reflected in [Numerical Input]-[Device/Style]-[Device].					
			Data size	16 Bit	→			Reflected in [Numerical Input]-[Device/Style]-[Data Type].			
				32 Bit	→						
		View Format	Format	Signed Decimal		→	Reflected in [Numerical Input]-[Device/Style]-[Display Format].				
				Unsigned Decimal		→					
				Hexadecimal		→					
				Octal		→					
				Binary		→					
				Real		→					
			Color		→	Reflected in [Numerical Input]-[Device/Style]-[Numerical Color].					
			Digits		→			Reflected in [Numerical Input]-[Device/Style]-[Digits].			
			Decimal point		→					Reflected in [Numerical Input]-[Device/Style]-[Decimal Point].	
			Size	1 × 1		→	Reflected in [Numerical Input]-[Device/Style]-[Number Size].				
				2 × 2		→					
				4 × 4		→					
				Others		→					
			Format String		→	Reflected in [Numerical Input]-[Device/Style]-[Format String].					
			Use 6 × 8 dot font		→			Reflected in [Numerical Input]-[Device/Style]-[Font].			
			Use High Quality font		→						
		Frame Format	FGOT_Frame:Basic Rect		→	Reflected in [Numerical Input]-[Device/Style]-[Shape] as FGOT_Frame:Basic Rect.					
			FGOT_Frame:3D Rect 1		→			Reflected in [Numerical Input]-[Device/Style]-[Shape] as FGOT_Frame:3D Rect 1.			
			FGOT_Frame:3D Rect 2		→					Reflected in [Numerical Input]-[Device/Style]-[Shape] as FGOT_Frame:3D Rect 2.	
			None		→			Reflected in [Numerical Input]-[Device/Style]-[Shape].			
			Frame							Reflected in [Numerical Input]-[Device/Style]-[Frame Color].	
			Plate								
			Bg Transparent					Not supported.			
		Category	Switch		→	Reflected in [Numerical Input]-[Extended]-[Category].					
			Lamp		→						
			Others		→						
			None		→						

GOT-F900 Series					GT10, GT11, GT15		
Numerical Input	Extended	Data Type	Signed BIN	→	Reflected in [Numerical Input]-[Device/Style]-[Data Type].		
			Unsigned BIN	→			
		Alignment	Left	→	Reflected in [Numerical Input]-[Device/Style]-[Alignment].		
			Center	→			
			Right	→			
		Fill with Zeros				→	Reflected in [Numerical Input]-[Device/Style]-[Fill with 0].
		Upper	Fixed	→	Reflected in [Numerical Input]-[Input Case].		
			Device	→			
		Lower	Fixed	→			
			Device	→			
		Gain1				→	Reflected in [Numerical Input]-[Operation]-[Operation Type]-[Data Operation].
		Gain2				→	
		Offset				→	
	User ID				→	Reflected in [Numerical Input]-[Extended]-[User ID].	
	Move Destination ID				→	Reflected in [Numerical Input]-[Extended]-[Move Destination ID].	
	Trigger	Trigger Type		Ordinary	→	Reflected in [Numerical Input]-[Trigger]-[Trigger Type].	
				ON	→		
				OFF	→		
		Trigger Device				→	Reflected in [Numerical Input]-[Trigger]-[Trigger Device].

## ■ Resetting after conversion

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



6.1.26 [Object] Ascii Display

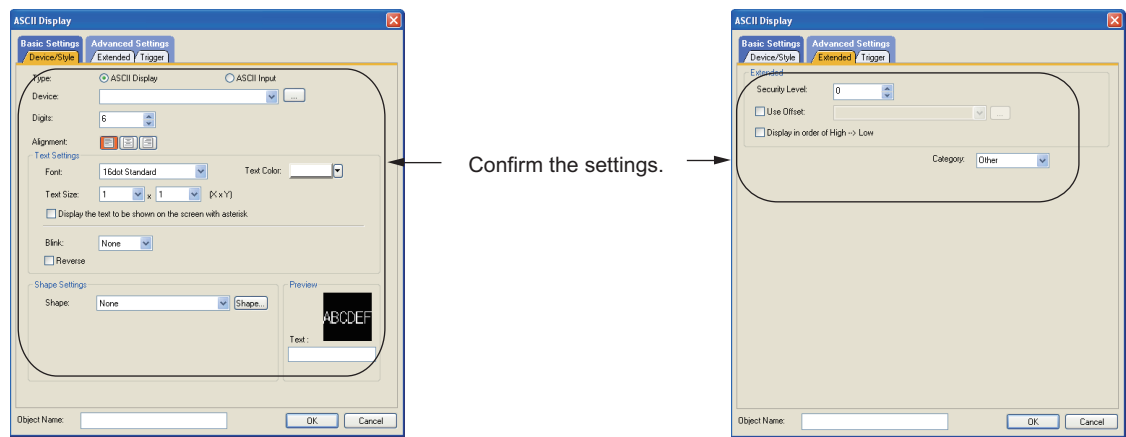
■ Conversion summary

[Ascii Display] is converted according to the following.

GOT-F900 Series					GT10, GT11, GT15		
Ascii Display	Basic	Type	Ascii Display		→	Reflected in [Ascii Display]-[Device/Style]-[Type].	
			Ascii Input		→		
		Device		→	Reflected in [Ascii Display]-[Device/Style]-[Device].		
		View Format	Size	1 × 1		→	Reflected in [Ascii Display]-[Device/Style]-[Text Size].
				2 × 2		→	
				4 × 4		→	
				Others		→	
			Digits		→	Reflected in [Ascii Display]-[Device/Style]-[Digits].	
			Color		→	Reflected in [Ascii Display]-[Device/Style]-[Text Color].	
			Align ment	Left		→	Reflected in [Ascii Display]-[Device/Style]-[Alignment].
				Center		→	
				Right		→	
			Use 6 × 8 dot font		→	Reflected in [Ascii Display]-[Device/Style]-[Font].	
		Frame Format	FGOT_Frame:Basic Rect		→	Reflected in [Ascii Display]-[Device/Style]-[Shape] as @FGOT_Frame:Basic Rect.	
			FGOT_Frame:3D Rect 1		→	Reflected in [Ascii Display]-[Device/Style]-[Shape] as @FGOT_Frame:3D Rect 1.	
			FGOT_Frame:3D Rect 2		→	Reflected in [Ascii Display]-[Device/Style]-[Shape] as @FGOT_Frame:3D Rect 2.	
			None		→	Reflected in [Ascii Display]-[Device/Style]-[Shape].	
			Frame		→	Reflected in [Ascii Display]-[Device/Style]-[Frame Color].	
			Plate		→	Reflected in [Ascii Display]-[Device/Style]-[Plate Color].	
			Bg Transparent		→	Not supported.(Fixed to Bg Transparent.)	
		Category	Switch		→	Reflected in [Ascii Display]-[Extended]-[Category].	
			Lamp		→		
			Others		→		
			None		→		

■ Confirmation after conversion

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





## 6.1.27 [Object] Ascii Input

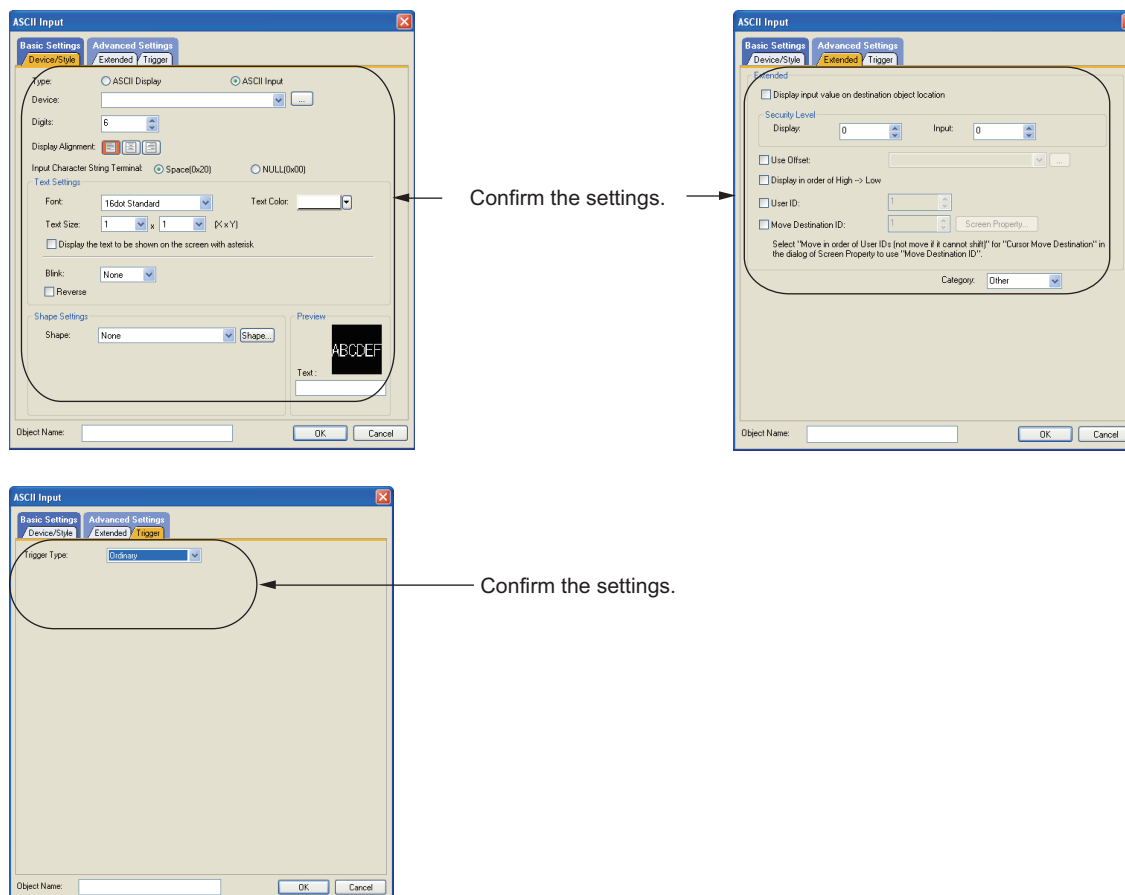
### ■ Conversion summary

[Ascii Input] is converted according to the following.

GOT-F900 Series						GT10, GT11, GT15		
Ascii Input	Basic	Type	Ascii Display		→	Reflected in [Ascii Input]-[Device/Style]-[Type].		
			Ascii Input		→			
		Device			→	Reflected in [Ascii Input]-[Device/Style]-[Device].		
		View Format	Size	1 × 1		→	Reflected in [Ascii Input]-[Device/Style]-[Text Size].	
				2 × 2		→		
				4 × 4		→		
				Others		→		
			Digits			→	Reflected in [Ascii Input]-[Device/Style]-[Digits].	
			Color			→	Reflected in [Ascii Input]-[Device/Style]-[Text Color].	
			Alignm ent	Left		→	Reflected in [Ascii Input]-[Device/Style]-[Alignment].	
				Center		→		
				Right		→		
		Use 6 × 8 dot font			→	Reflected in [Ascii Input]-[Device/Style]-[Font].		
		Shape	FGOT_Frame:Basic Rect			→	Reflected in [Ascii Input]-[Device/Style]-[Shape] as @FGOT_Frame:Basic Rect.	
			FGOT_Frame:3D Rect 1			→	Reflected in [Ascii Input]-[Device/Style]-[Shape] as @FGOT_Frame:3D Rect 1.	
			FGOT_Frame:3D Rect 2			→	Reflected in [Ascii Input]-[Device/Style]-[Shape] as @FGOT_Frame:3D Rect 2.	
			None			→	Reflected in [Ascii Input]-[Device/Style]-[Shape].	
			Frame			→	Reflected in [Ascii Input]-[Device/Style]-[Frame Color].	
			Plate			→	Reflected in [Ascii Input]-[Device/Style]-[Plate Color].	
			Bg Transparent			→	Not supported.(Fixed to Bg Transparent.)	
		Category	Switch			→	Reflected in [Ascii Input]-[Extended]-[Category].	
			Lamp			→		
			Others			→		
			None			→		
	Others	Trigger	Type	Ordinary		→	Reflected in [Ascii Input]-[Trigger]-[Trigger Type].	
				ON		→		
				OFF		→		
			Device			→	Reflected in [Ascii Input]-[Trigger]-[Trigger Device].	
		User ID			→	Reflected in [Ascii Input]-[Extended]-[User ID].		
		Move Destination ID			→	Reflected in [Ascii Input]-[Extended]-[Move Destination ID].		

## ■ Confirmation after conversion

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



## 6.1.28 [Object] Date Display

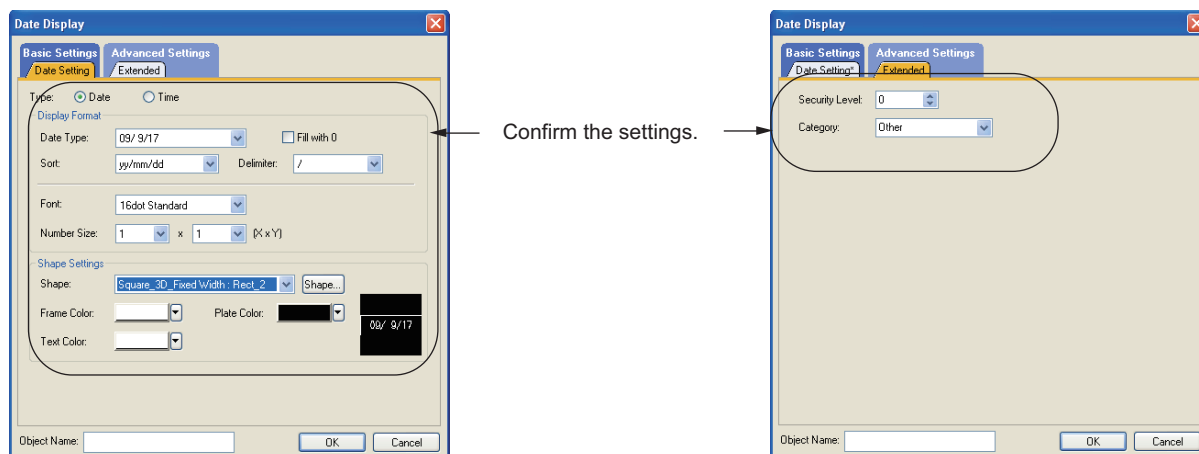
### ■ Conversion summary

[Date Display] is converted according to the following.

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

### ■ Confirmation after conversion

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



6.1.29 [Object] Time Display

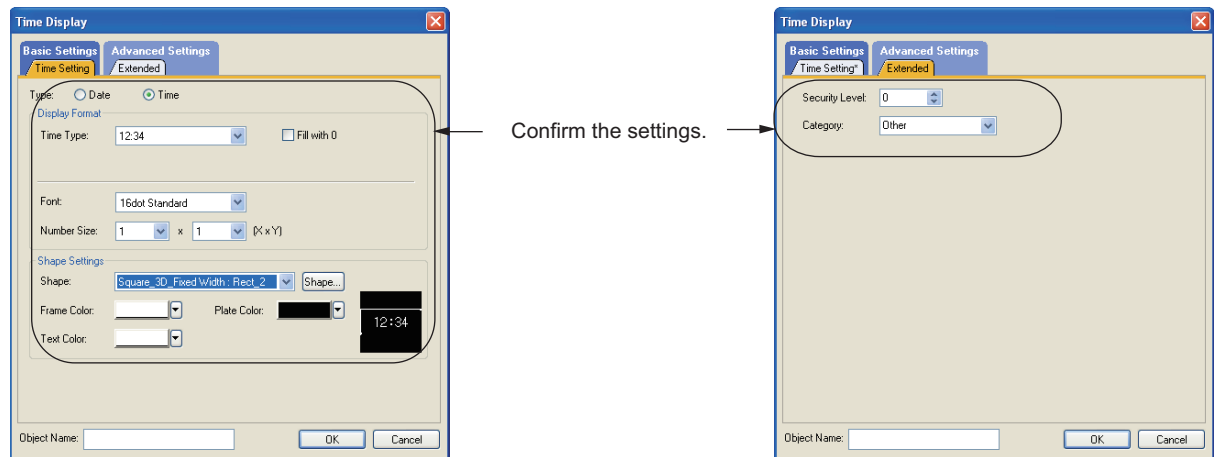
■ Conversion summary

[Time Display] is converted according to the following.

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

■ Confirmation after conversion

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



## 6.1.30 [Object] Bit Comment

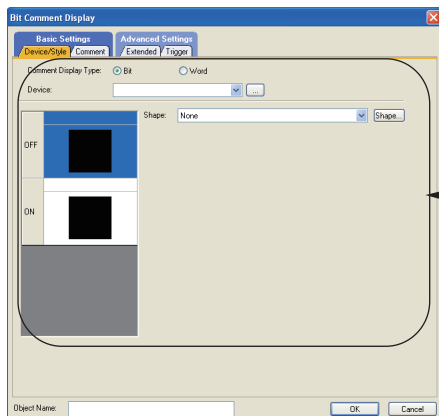
### ■ Conversion summary

[Bit Comment] is converted according to the following.

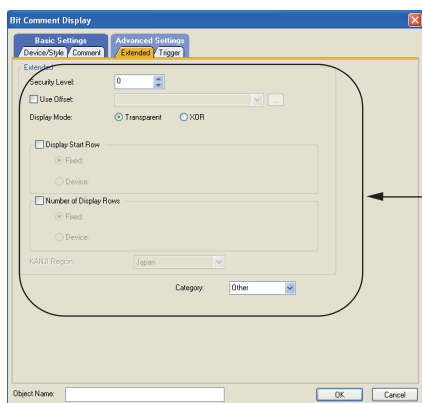
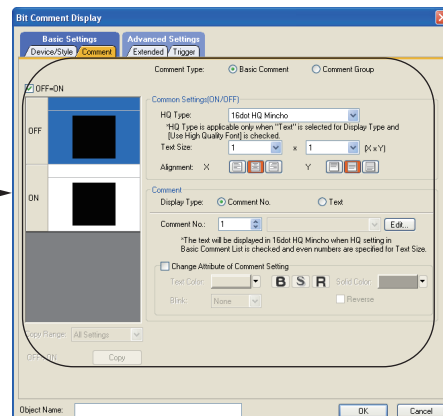
GOT-F900 Series					GT10, GT11, GT15
Bit Comment	Basic	Device		→	Reflected in [Bit Comment]-[Device/Style]-[Device].
		Frame Format	Shape	FGOT_Frame:Basic Rect	→ Reflected in [Bit Comment]-[Device/Style]-[Shape] as @FGOT_Frame:Basic Rect.
				FGOT_Frame:3D Rect 1	→ Reflected in [Bit Comment]-[Device/Style]-[Shape]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

## ■ Confirmation after conversion

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



Confirm the settings.



Confirm the settings.

## 6.1.31 [Object] Word Comment

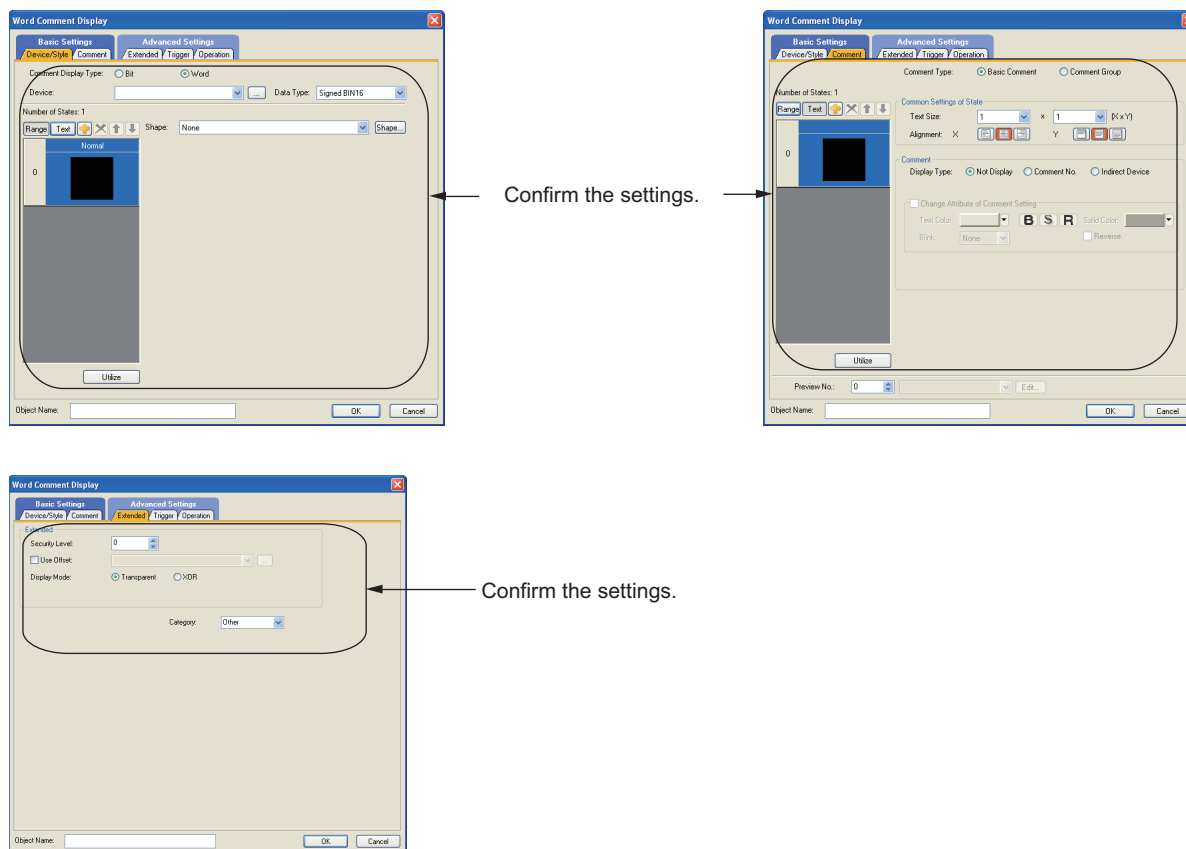
### ■ Conversion summary

[Word Comment] is converted according to the following.

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

## ■ Confirmation after conversion

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





## 6.1.32 [Object] Alarm History

### ■ Conversion summary

[Alarm History] is converted according to the following.

GOT-F900 Series						GT10, GT11, GT15		
Alarm History	Basic	Settings	Title		→	Reflected in [Alarm History Display]-[Display]-[Title].		
			Occurred		→	Reflected in [Alarm History Display]-[Display]-[Alarm Text Color]-[Occurrences].		
			Width		→	Reflected in [Alarm History Display]-[Display]-[Width].		
			Contents	Alarm Date/Time	→	Reflected in [Alarm History Display]-[Display]-[Date/Time Format]-[Date/Time].		
				Alarm Text	→	Reflected in [Alarm History Display]-[Display]-[Date/Time Format]-[Text].		
		Number of Rows			→	Reflected in [Alarm History Display]-[Display]-[Number of Rows].		
		Title			→	Reflected in [Alarm History Display]-[Display]-[Title Color].		
		Size			→	Reflected in [Alarm History Display]-[Style]-[Text Size].		
		Use 6 × 8 dot font			→	Not supported.		
		Sort Setting	Latest		→	Reflected in [Alarm History Display]-[Display]-[Sort Settings].		
			Oldest		→			
		Category	Switch		→	Reflected in [Alarm History Display]-[Extended]-[Category].		
			Lamp		→			
			Others		→			
			None		→			
	Frame	Frame Format	Shape	FGOT_Frame: Basic Rect	→	Reflected in [Alarm History Display]-[Style]-[Shape].		
				FGOT_Frame:3D Rect 1	→			
				FGOT_Frame:3D Rect 2	→			
				None	→			
			Frame		→	Reflected in [Alarm History Display]-[Style]-[Frame Color].		
			Plate		→	Reflected in [Alarm History Display]-[Style]-[Plate Color].		
	Device (Common)	Mode	Historical		→	Reflected in [Alarm History Display]-[Display]-[To Alarm History].		
			Cumulative		→			
		Number of alarms to monitor			→			
		Watch Cycle			→			
		Detailed Alarm Display Type			→			
	Option (Common)	Number of Alarms Occurred			→			
		History Clear			→			
		When no of alarm occurrences exceed 1000, delete oldest alarm occurrences			→			
	Extended	Settings	Restoration	Title		→	Reflected in [Alarm History Display]-[Display]-[Restored]-[Title].	
				Restor Color		→	Reflected in [Alarm History Display]-[Display]-[Alarm Text Color]-[Restorations].	
				Width		→	Reflected in [Alarm History Display]-[Display]-[Restored]-[Width].	
			Contents	Alarm Date/Time	Date	→	Reflected in [Alarm History Display]-[Display]-[Date/Time Format]-[Date].	
					Time	→	Reflected in [Alarm History Display]-[Display]-[Date/Time Format]-[Time].	
				Restor Text		→	Reflected in [Alarm History Display]-[Display]-[Date/Time Format]-[Text].	
			Occur Frequency	Title		→	Reflected in [Alarm History Display]-[Display]-[Frequency]-[Title].	

## ■ Resetting after conversion

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

Alarm History Display

Basic Settings

Display

It is necessary for using Alarm History Display to set Alarm History of Common Settings: [To Alarm History](#)

Number of Rows: 3 Display Start Row: 1

Title: MESSAGE Title Color: [Default]

☒ Direct ☐ Comment Group: 1

Display	Attribute	Width	Title	Date/Time Format
<input checked="" type="checkbox"/>	Occurred	10	MESSAGE	12:51:04
<input checked="" type="checkbox"/>	Message	5	MESSAGE	12:51
<input type="checkbox"/>	Restored	5	REST	12:51
<input type="checkbox"/>	Checks	5	CHECK	12:51
<input type="checkbox"/>	Frequency	5	COUNT	

Alarm Test Color: Occurrences: [Default] Restorations: [Default] Checks: [Default]

Sort Setting: Oldest

Object Name: [ ] OK Cancel

Confirm the settings.

Alarm History Display

Basic Settings

Style

Text Size: 1 x 1 (KxY) ☐ Use High Quality Font

☐ Single Touch Operation ☐ Use comment scrolling depending on the message width

Shape Settings: Shape: None Shape...

☒ Draw Ruled Line: [ ]

Object Name: [ ] OK Cancel

Alarm History Display

Basic Settings

Extended

Security Level: 0

☐ Uses ID: 1

☐ Comment No. Device: [ ]

☐ Display the cursor in a selected row

Category: Other

Object Name: [ ] OK Cancel

Confirm the settings.

Alarm History

Basic/Option

☒ Use Alarm History

Mode: ☒ Historical ☐ Cumulative

Number of Alarms: 10 Watch Cycle: 20 (x100ms)

Data Type: Bit Device Setting: ☒ Continuous ☐ Random ☐ Identical

Comment: ☒ Continuous ☐ Random

Comment No.: ☒ Continuous ☐ Basic Comment ☐ Comment Group

Detail: Display Destination: Not Display

Detail No.: ☒ Continuous ☐ Random

Comment Type: ☒ Basic Comment ☐ Comment Group

Device	Alarm Range	Comment No.	Comment Selection	Detail	RST	RST Value
1		1		0	-	0
2		2		0	-	0
3		3		0	-	0
4		4		0	-	0
5		5		0	-	0
6		6		0	-	0

Object Name: [ ] OK Cancel

## 6.1.33 [Object] Alarm List

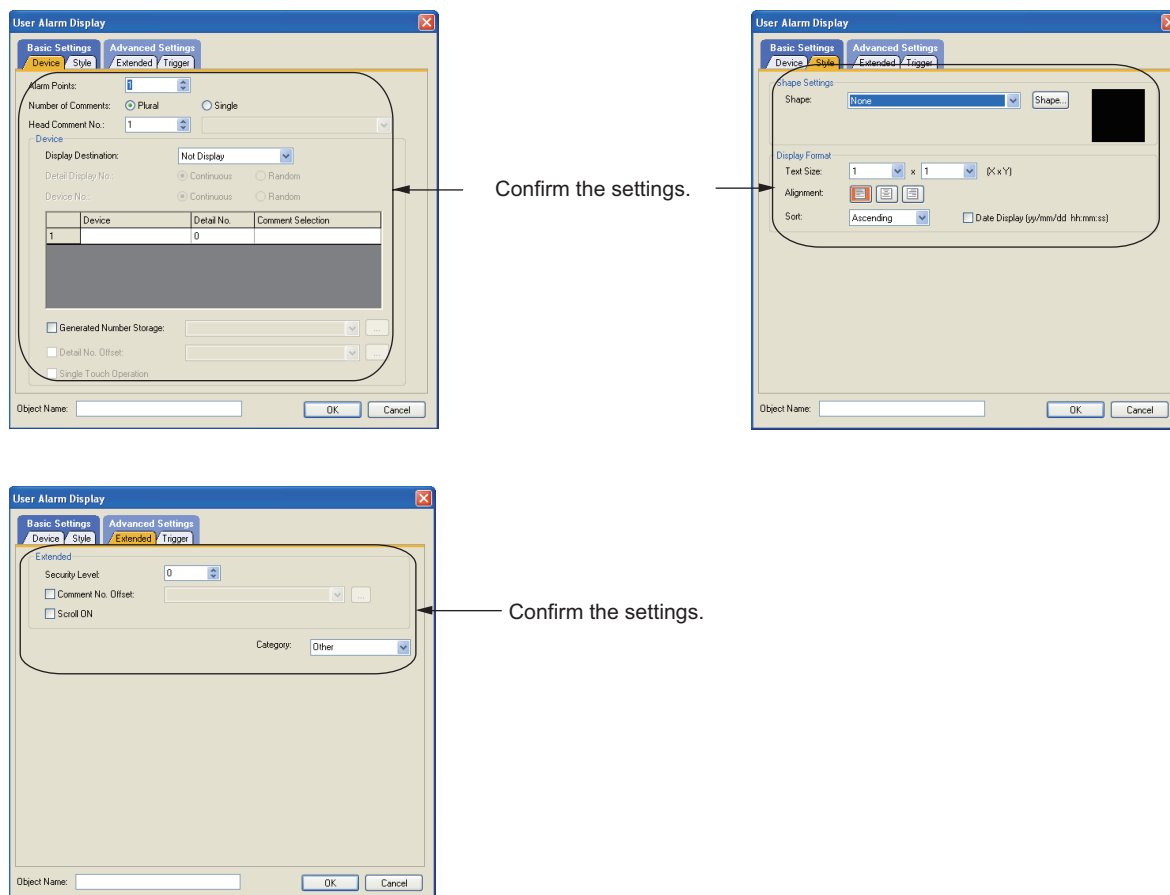
### ■ Conversion summary

[Alarm List] is converted according to the following.

GOT-F900 Series						GT10, GT11, GT15		
Alarm List	Basic	Alarm Device	Alarm (Device) Points		→	Reflected in [User Alarm Display]-[Device]-[Alarm Points].		
			Alarm Device		→	Reflected in [User Alarm Display]-[Device]-[Device].		
		View Format	Head Comment No.		→	Reflected in [User Alarm Display]-[Device]-[Head Comment No.].		
			Size		→	Reflected in [User Alarm Display]-[Style]-[Text Size].		
			Number of Comment	Plural		→	Reflected in [User Alarm Display]-[Device]-[Number of Comments].	
				Single		→		
			Sort	Ascending		→	Reflected in [User Alarm Display]-[Style]-[Sort].	
				Descending		→		
				Oldest		→		
				Latest		→		
			Display Date (yy/mm/dd mm : ss)		→	Reflected in [User Alarm Display]-[Style]-[Date Display (yy/mm/dd/hh : mm : ss)].		
		Use 6 × 8 dot font		→	Not supported.			
		Frame Format	Shape	FGOT_Frame:Basic Rect		→	Reflected in [User Alarm Display]-[Style]-[Shape] as @FGOT_Frame:Basic Rect.	
				FGOT_Frame:3D Rect 1		→	Reflected in [User Alarm Display]-[Style]-[Shape] as @FGOT_Frame:3D Rect 1.	
				FGOT_Frame:3D Rect 2		→	Reflected in [User Alarm Display]-[Style]-[Shape] as @FGOT_Frame:3D Rect 2.	
				None		→	Reflected in [User Alarm Display]-[Style]-[Shape].	
			Frame		→			
			Plate		→			
		Category	Switch		→	Reflected in [User Alarm Display]-[Extended]-[Category].		
			Lamp		→			
			Others		→			
			None		→			
	Other	Device for Occurring Number			→	Reflected in [User Alarm Display]-[Device]-[Generated Number Storage].		
		Device			→			
		Store Memory			→	Not supported.		
		Scroll On			→	Reflected in [User Alarm Display]-[Extended]-[Scroll ON].		
	Detail	Detailed Display (Check Box)			→	Reflected in [User Alarm Display]-[Device]-[Display Destination].		
		Detailed Display (Pulldown Menu)	Comment Window		→			
			Base Screen		→			
		Disp			→	Reflected in [User Alarm Display]-[Device]-[Detail Display No.].		

## ■ Confirmation after conversion

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



### 6.1.34 [Object] Word Parts

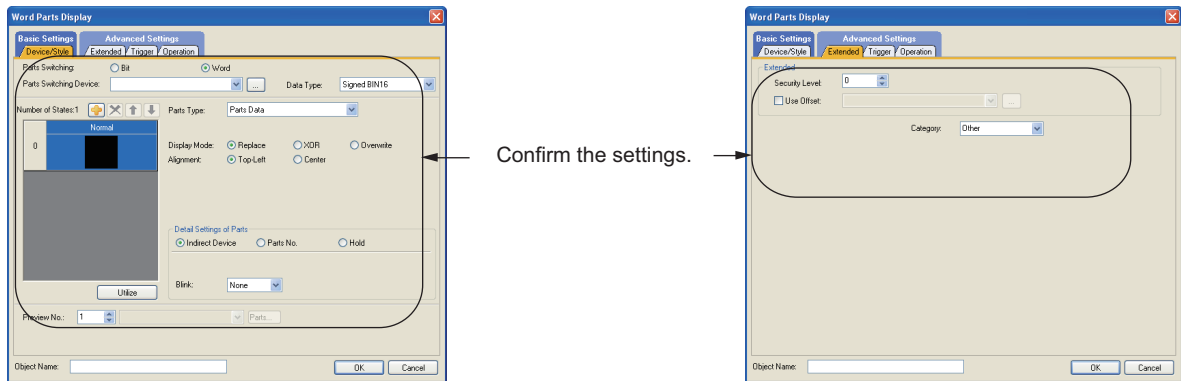
#### ■ Conversion summary

[Word Parts] is converted according to the following.

GOT-F900 Series				GT10, GT11, GT15	
Word Parts	Device			→	Reflected in [Word Parts]-[Device/Style]-[Device].
	View Format	Positioning Point	Top-Left	→	Reflected in [Word Parts]-[Device/Style]-[Alignment].
			Center	→	
	Preview Parts			→	Reflected in [Word Parts]-[Device/Style]-[Preview No.].
	Offset			→	Not supported.
	Category	Switch		→	Reflected in [Word Parts]-[Extended]-[Category].
		Lamp		→	
		Others		→	
		None		→	

#### ■ Confirmation after conversion

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



## 6.1.35 [Object] Panelmeter

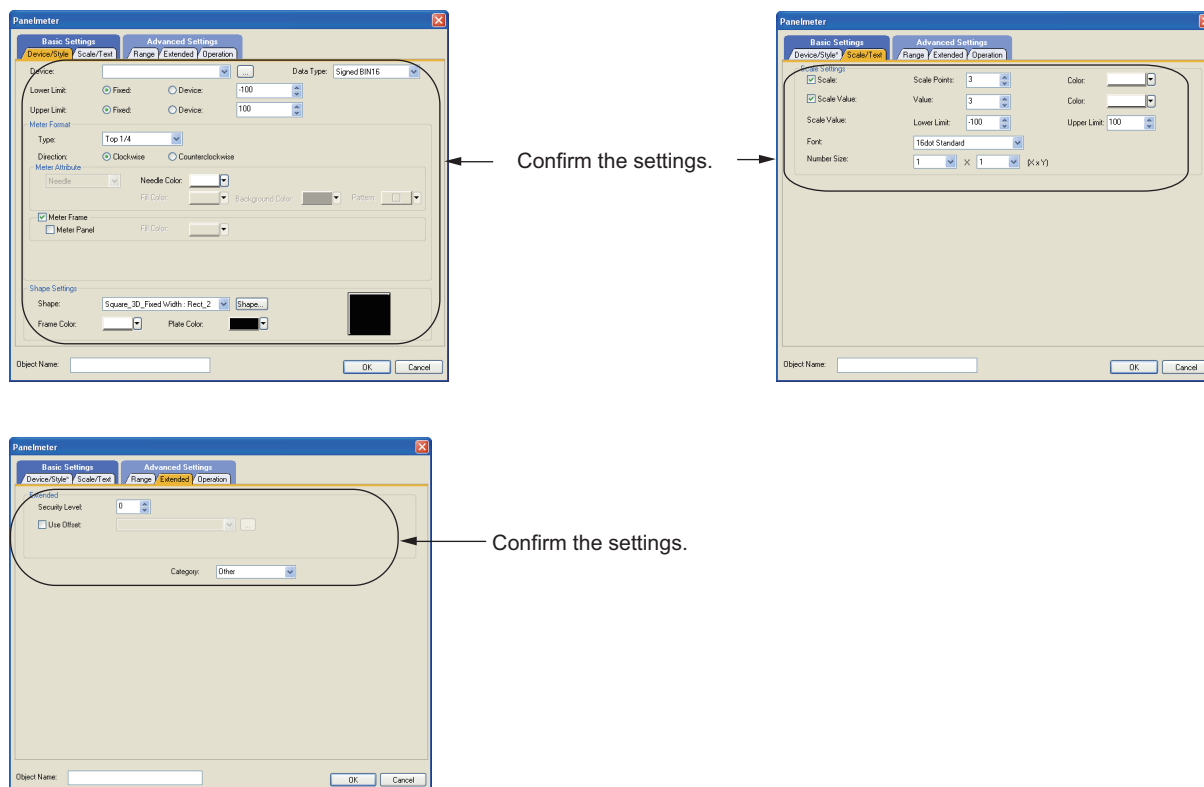
### ■ Conversion summary

[Panelmeter] is converted according to the following.

GOT-F900 Series					GT10, GT11, GT15
Panel meter	Basic	Device	Device		→ Reflected in [Panelmeter]-[Device/Style]-[Device].
			Data Size	16 Bit	→
				32 Bit	→
			Data Type	Signed BIN	→
				Unsigned BIN	→
		Frame Format	Shape	FGOT_Frame:Basic Rect	→ Reflected in [Panelmeter]-[Device/Style]-[Shape] as @FGOT_Frame:Basic Rect.
				FGOT_Frame:3D Rect 1	→ Reflected in [Panelmeter]-[Device/Style]-[Shape] as @FGOT_Frame:3D Rect 1.
				FGOT_Frame:3D Rect 2	→ Reflected in [Panelmeter]-[Device/Style]-[Shape] as @FGOT_Frame:3D Rect 2.
				None	→
			Frame		→ Reflected in [Panelmeter]-[Device/Style]-[Shape].
			Plate		→
		Category	Switch		→
			Lamp		→
			Others		→ Reflected in [Panelmeter]-[Extended]-[Category].
			None		→
	Display/ Scale	Display	Type	Top 1/4	→
				Bottom 1/4	→
				Left 1/4	→
				Right 1/4	→
				Top-Right 1/4	→
				Top-Left 1/4	→
				Bottom-Left 1/4	→
				Bottom-Right 1/4	→
				Top 1/2	→
				Bottom 1/2	→
				Left 1/2	→
				Right 1/2	→
				3/4	→
				Full Circle	→
				Special	→ Not supported.
			Direction	Clockwise	→
				Counter clockwise	→ Reflected in [Panelmeter]-[Device/Style]-[Direction].
			Base Point		→ Reflected in [Panelmeter]-[Device/Style]-[Base Point].
			Needle Color		→ Reflected in [Panelmeter]-[Device/Style]-[Needle Color].
			Meter Panel		→ Reflected in [Panelmeter]-[Device/Style]-[Fill Color].
		Upper Limit	Fixed		→
			Device		→ Reflected in [Panelmeter]-[Scale/Text]-[Upper Limit].
		Lower Limit	Fixed		→
			Device		→ Reflected in [Panelmeter]-[Scale/Text]-[Lower Limit].
	Scale	Scale Display	Scale Points		→ Reflected in [Panelmeter]-[Scale/Text]-[Scale Points].
			Color		→ 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.

GOT-F900 Series					GT10, GT11, GT15		
Line/ Trend/Bar Graph	Basic	Graph Type	Line Graph		→	Reflected in [Line/Trend/Bar Graph]-[Data]- [Graph Type].	
			Trend Graph		→		
			Bar Graph		→		
		View Format	Number of Pens		→	Reflected in [Line/Trend/Bar Graph]-[Data]- [Number of Pens].	
			Points		→	Reflected in [Line/Trend/Bar Graph]-[Data]- [Points].	
			Direction	Vertical (Up)		→	Reflected in [Line/Trend/Bar Graph]-[Data]- [Direction].
				Vertical (Down)		→	
				Horizontal (Right)		→	
				Horizontal (Left)		→	
			Upper Limit	Fixed		→	Reflected in [Line/Trend/Bar Graph]-[Data]- [Upper Limit].
				Device		→	
			Lower Limit	Fixed		→	Reflected in [Line/Trend/Bar Graph]-[Data]- [Lower Limit].
				Device		→	
			Base Value	Fixed		→	Reflected in [Line/Trend/Bar Graph]-[Data]- [Base Value].
				Device		→	
			Store Memory	No Clear Trigger		→	Reflected in [Line/Trend/Bar Graph]-[Data]- [Store Memory]. Not supported only for GT10.
				Clear On Trigger Rise		→	
				Clear On Trigger Fall		→	
		Frame Format	Shape	FGOT_Frame:Basic Rect		→	Reflected in [Line/Trend/Bar Graph]-[Style]- [Shape] as @FGOT_Frame:Basic Rect.
				FGOT_Frame:3D Rect 1		→	Reflected in [Line/Trend/Bar Graph]-[Style]- [Shape] as @FGOT_Frame:3D Rect 1.
				FGOT_Frame:3D Rect 2		→	Reflected in [Line/Trend/Bar Graph]-[Style]- [Shape] as @FGOT_Frame:3D Rect 2.
				None		→	
			Frame		→	Reflected in [Line/Trend/Bar Graph]-[Style]- [Shape].	
			Plate		→		
		Category	Switch		→	Reflected in [Line/Trend/Bar Graph]-[Extended]- [Category].	
			Lamp		→		
			Others		→		
			None		→		
	Device/ Scale	Device	Data Size	16 Bit		→	Reflected in [Line/Trend/Bar Graph]-[Data]- [Data Type].
				32 Bit		→	
			Data Type	Signed BIN		→	
				Unsigned BIN		→	
		Scale Style	Scale		→	Reflected in [Line/Trend/Bar Graph]-[Style]- [Scale].	
			Scale Point (X)		→		
			Scale Point (Y)		→		
			Color		→		
	Others	Rectangle Fame			→	Reflected in [Line/Trend/Bar Graph]-[Style]- [Rectangle Frame].	
		Not-displayed Value			→	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.

Line Graph dialog box, Basic Settings tab. Graph Type: Line Graph. Number of Pens: 2. Points: 4. Direction: Right. Data Type: Signed BIN16. Table with 4 columns: Device, Graph, Style, Width. Lower Limit: Fixed 0. Upper Limit: Fixed 100.

Confirm the settings.

Line Graph dialog box, Style tab. Shape: None. Scale Settings: Scale checked, Scale Points: 3, Scale Value checked, Value: 3, Lower Limit: 0, Upper Limit: 100. Font: 16dot Standard, Number Size: 1 x 1. Rectangle Frame checked.

Line Graph dialog box, Extended tab. Security Level: 0. Use Offset: unchecked. Hidden Value: 0. Category: Other.

Confirm the settings.

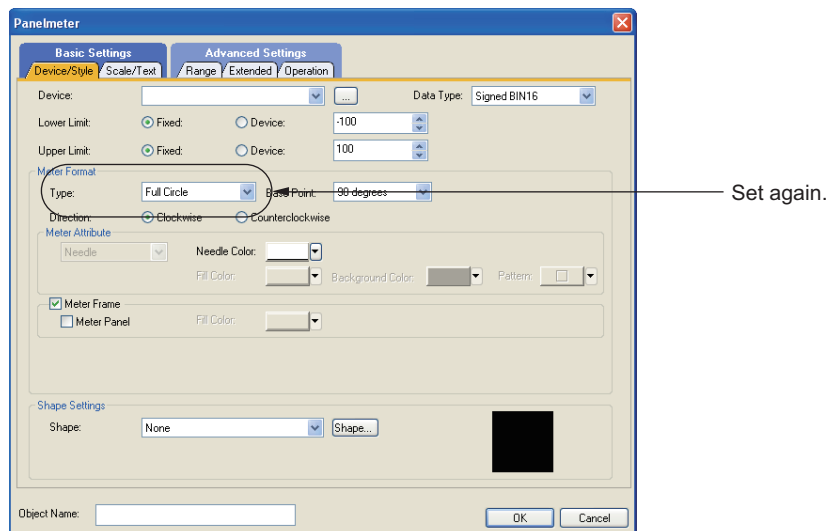
## 6.1.37 [Object] Circle Graph

### ■ 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

Set in the following.



## 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

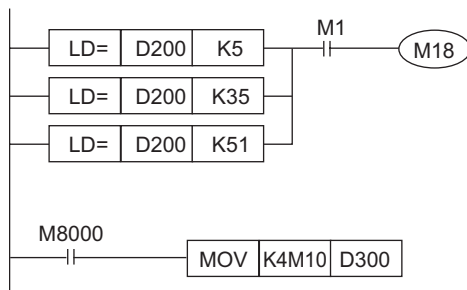
## ■ Alternatives

### 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

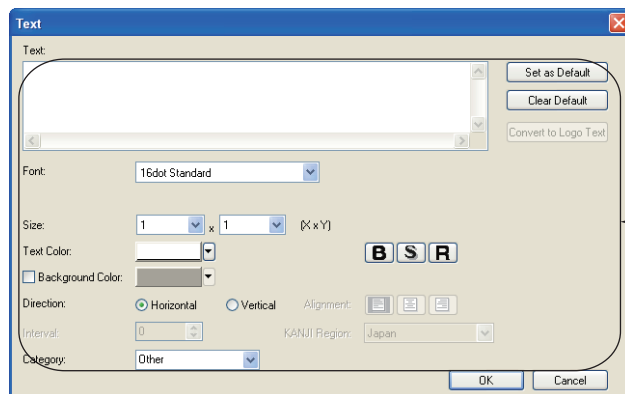
### ■ Conversion summary

[Text] is converted according to the following.

GOT-F900 Series			GT10, GT11, GT15
Text	Text	→	Reflected in [Text]-[Text].
	Text color	→	Reflected in [Text]-[Text color].
	Alignment	Left	Reflected in [Text]-[Alignment].
		Center	
		Right	
	Background Color	→	Reflected in [Text]-[Background Color].
	Bg Transparent	→	Reflected in [Text]-[Background Color]. (Unchecked.)
	Size	1 × 1	Reflected in [Text]-[Size].
		2 × 2	
		4 × 4	
		Others	
	Use 6 × 8 dot font	→	Reflected in [Text]-[Font].
	Category	Switch	Reflected in [Text]-[Category].
		Lamp	
		Others	
		None	

### ■ Confirmation after conversion

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



Confirm the settings.

## 6.2 FX-PCS-DU/WIN (F900) → 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 List	Header	Screen No	→ 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.)
		Screen Name	→ The setting is retained in [Screen Property...]-[Basic]-[Screen Name].
		Bg	→ The setting is retained in [Screen Property...]-[Basic]. For FX-PCS-DU/WIN, setting is required since there is no transparent setting.
		Security	→ The setting is retained in [Screen Property...]-[Basic]-[Security].
		Overlay screen setting	→ The setting is retained in [Object]-[Set Overlay Screen...].

#### ■ Settings after conversion

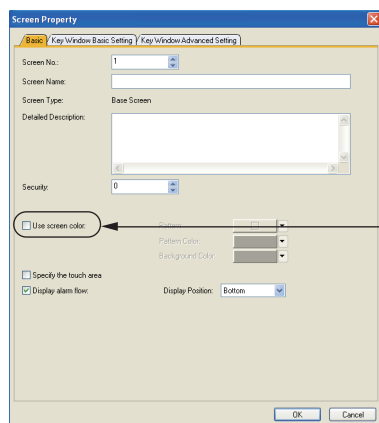
The common screen is converted to Screen Number 501 and displayed on top of each base screen using the [Set Overlay Screen...] function.

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].



Confirm the settings.



#### 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

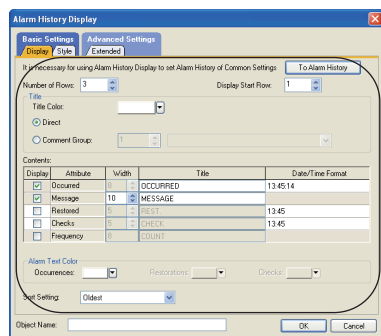
### ■ Conversion summary

[Alarm] is converted according to the following.

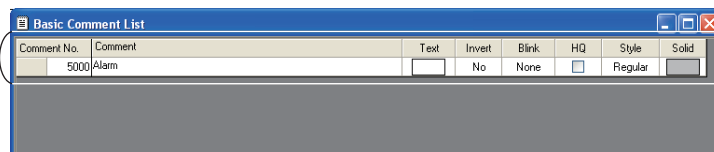
GOT-F900 Series			GT10, GT11, GT15	
Alarm	Common Settings	Head Address	→	Reflected in [Alarm History Display]-[To Alarm History]-[Basic]-[Device], [Alarm Flow...]-[Basic]-[Device].
		Nbr of Alarms	→	Reflected in [Alarm History Display]-[To Alarm History]-[Basic]-[Number of Alarms], [Alarm Flow...]-[Basic]-[Alarm (Device) Points].
		Display Pos	→	Not supported.
	Individual Settings	Message	→	Converted in Basic Comment No. 5000 or later. (For example, the comment of Alarm 0 becomes Comment No. 5000.)
		Report	None	→ Reflected in [Alarm History Display]-[To Alarm History]-[Basic]-[Detail].
			Change Scr.	→ Reflected in [Alarm History Display]-[To Alarm History]-[Basic]-[Detail]. (The name is changed to Base Screen.)
			Overlapped	→ Reflected in [Alarm History Display]-[To Alarm History]-[Basic]-[Detail]. (The name is changed to Comment Window.)
			Moving Alarm	→ Converted in [Floating Alarm].
		Scr. No	→	Reflected in [Alarm History Display]-[To Alarm History]-[Basic]-[Detail No.].
		Print	→	Not supported.
		Acknowledge	→	Not supported.
		Reset	→	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.



Confirm the settings.

### 6.2.3 [View/Project] Project Settings

#### ■ Conversion summary

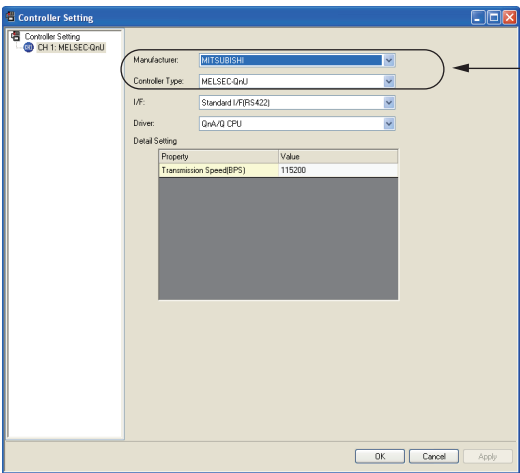
[Project Settings] of [System Settings] is converted according to the following.

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

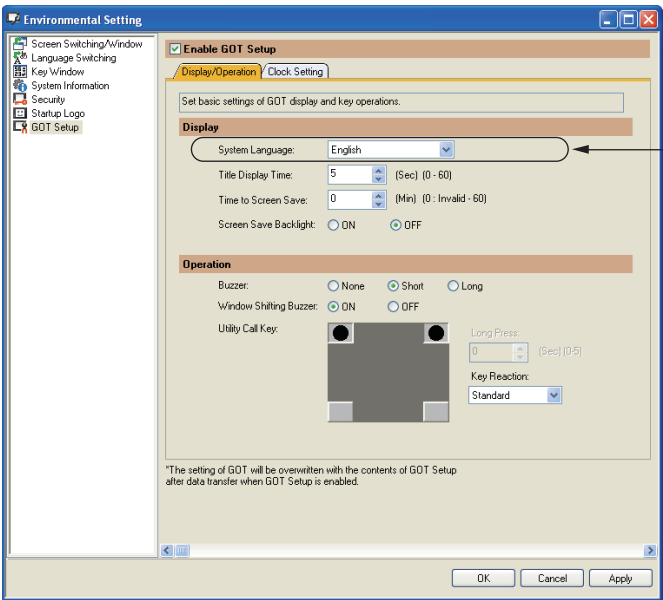
#### ■ Settings after conversion

Set again in [Common]-[Controller Setting] again after converting data.

Conversion from [DU System language] can be confirmed in [GOT Setup].



Set again.



Confirm the settings.



## 6.2.4 [View/Project] Interface Devices

### ■ Conversion summary

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

GOT-F900 Series			GT10, GT11, GT15
Interface Devices	Word Device	→	Setting is required in [Environmental Setting]-[Screen Switching/Window] and [Environmental Setting]-[System Information].
	Bit Device	→	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.

#### (1) Interface Devices assignment and setting items

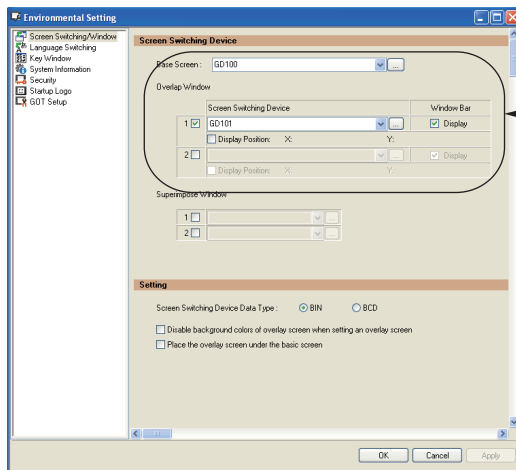
Bit Device assignment (When assigning auxiliary relay M0)

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).

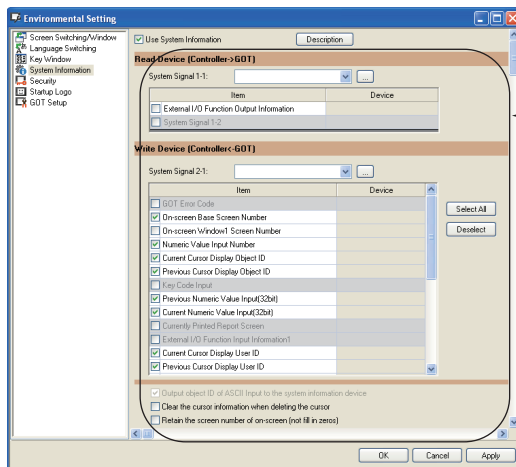
## Word Device assignment (When assigning data register D0)

Word Device	Control description	Setting item
D0 D1 D2	Specifies the screen number to be displayed in the screen mode. D0 : Specifies one screen number to be displayed. D1 : Specifies two screen numbers to be displayed in layers. D2 : Specifies three screen numbers to be displayed in layers.	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	The screen number in the table is stored. D3 : The screen number currently displayed is stored. D4 : The screen number of the second screen is stored when more than one screen is displayed in layers. D5 : The screen number of the third screen is stored when three screens are displayed in layers.	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



Set again.



Set again.

# 6.2.5 [View/Project] Entry Code

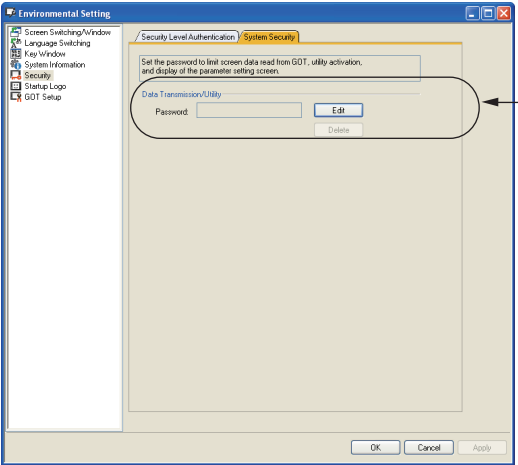
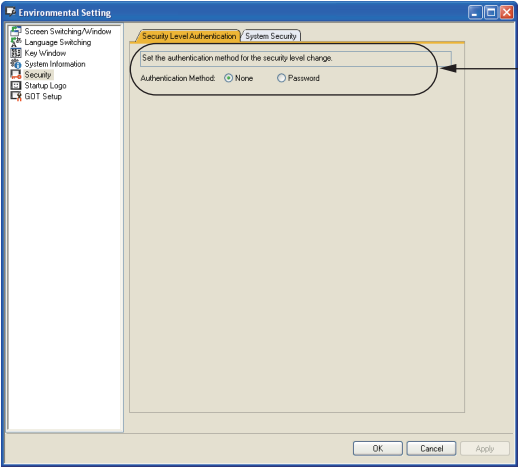
## ■ Conversion summary

[Entry code] is converted according to the following.

GOT-F900 Series			GT10, GT11, GT15
Entry Code	Transfer	→	Reflected in [Environmental Setting]-[Security]-[System Security].
	Screen Protect	→	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

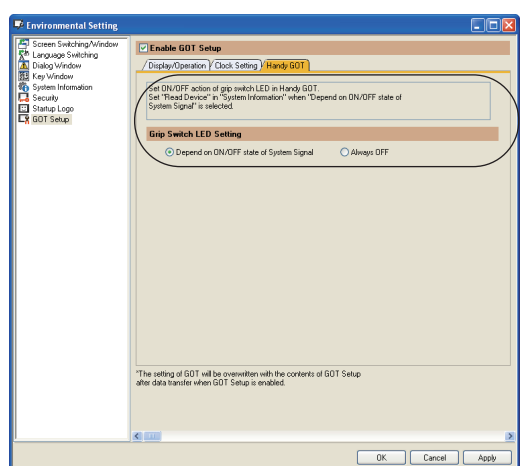
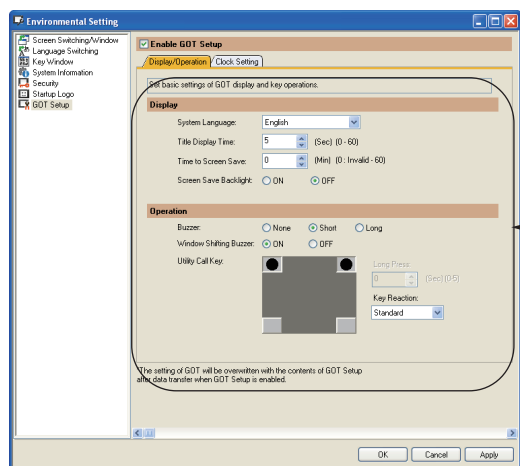
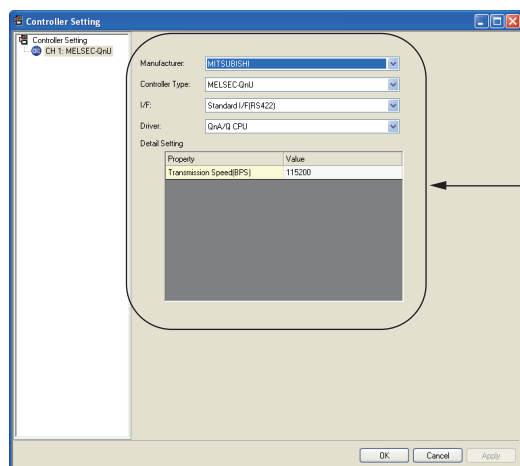
[Setup Data] is converted according to the following.

GOT-F900 Series			GT10, GT11, GT15
Setup Data	Opening Screen Time	→	Reflected in [Environmental Setting]-[GOT Setup].
	Backlight Off Time	→	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) Screen Save Backlight : OFF
	Buzzer	→	Reflected in [Environmental Setting]-[GOT Setup] as follows. ON → Short OFF → None
	Connection	Port	Set again in [Controller Setting].
		Type	
		PLC Station No	
		GOT Station No.	
	When touch input detected do not change to input	Checked/Not checked	Not supported.
	Handy GOT Setting	Use GripSwitch	
		Pressed Writing	
		Switch OFF operation	
		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

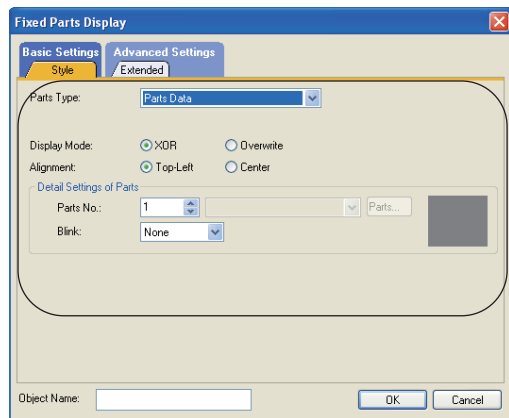
■ Conversion summary

[Image] is converted according to the following.

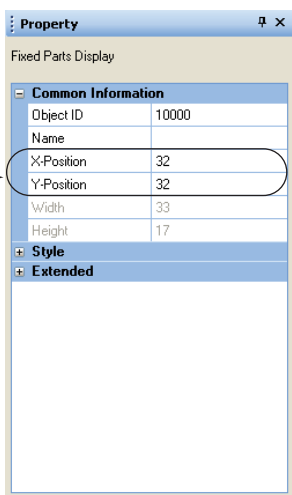
GOT-F900 Series				GT10, GT11, GT15	
Image	Image	No.		→	[Fixed Parts Display]-[Style]-[Parts Type] is set to [Parts Data].
				→	Reflected in [Fixed Parts Display]-[Style]-[Detail Settings of Parts]-[Parts No.] and "1" is added.
		Position		→	Reflected in Property sheet (X-Position, Y-Position).
	Library Image	Device setting	Word Device	→	Reflected in [Word Parts Display]-[Device/Style]-[Parts Switching Device]-[Data Type].
			Displayed value	→	
			Data Size	→	
		Offset		→	Reflected in [Word Parts Display]-[Operation]-[Data Operation].
		Position		→	Reflected in Property sheet (X-Position, Y-Position).

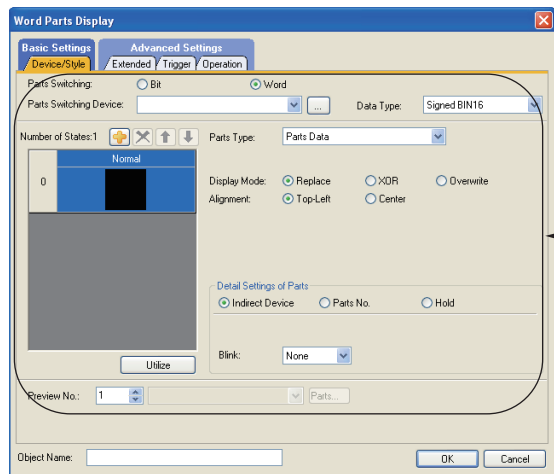
■ Confirmation after conversion

Confirm the settings after converting the data to GOT1000 Series.



Confirm the settings.





Confirm the settings.

## 6.2.8 [Graph] Bar Graph

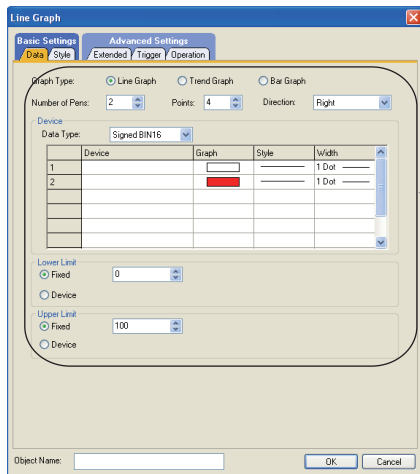
### ■ Conversion summary

[Bar Graph] is converted according to the following.

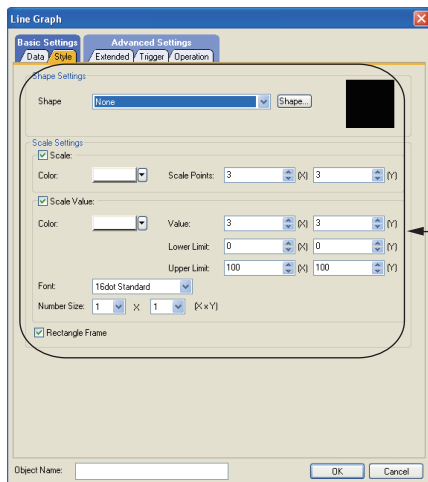
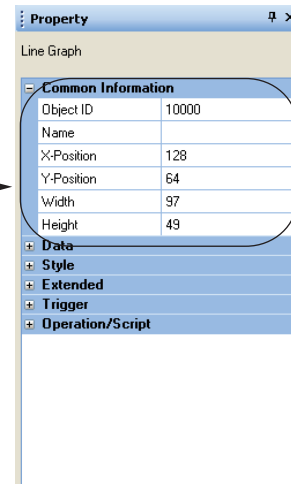
GOT-F900 Series			GT10, GT11, GT15
Bar Graph	Device Settings	Word Device	→ Reflected in [Bar Graph]-[Data]-[Device]-[Device].
		Data Size	→ Reflected in [Bar Graph]-[Data]-[Device]-[Data Type].
		Displayed value	→ Current/Set is distinguished according to the device.
	Minimum Value	Direct	→ Reflected in [Bar Graph]-[Data]-[Lower Limit]-[Fixed].
		Indirect	→ Reflected in [Bar Graph]-[Data]-[Lower Limit]-[Device].
	Maximum Value	Direct	→ Reflected in [Bar Graph]-[Data]-[Upper Limit]-[Fixed].
		Indirect	→ Reflected in [Bar Graph]-[Data]-[Upper Limit]-[Device].
	Graph Type	Right	→ The directions are changed to vertically or horizontally in [Bar Graph]-[Data]-[Direction].
		Up	
		Left	
		Down	
	Scale Position	Left	→ Not supported.
		Up	
		Right	
		Down	
	Format	Frame (Color)	→ Reflected in [Bar Graph]-[Style]-[Shape]-[Frame Color].
		Bg	→ Reflected in [Bar Graph]-[Style]-[Shape]-[Plate Color].
		Graph	→ Reflected in [Bar Graph]-[Data]-[Device]-[Graph].
		Frame Type(Shape)	→ Reflected in [Bar Graph]-[Style]-[Shape Settings]-[Shape].
		Ticks	→ Reflected in [Bar Graph]-[Style]-[Scale]-[Scale Points].
	Position	X	→ Reflected in PropertySheet (X-Position, Y-Position).
		Y	
	Size	W	→ Reflected in PropertySheet (width and height).
		H	

## ■ Confirmation after conversion

Confirm the settings after converting the data to GOT1000 Series.



Confirm the settings.



Confirm the settings.



## 6.2.9 [Object] Date

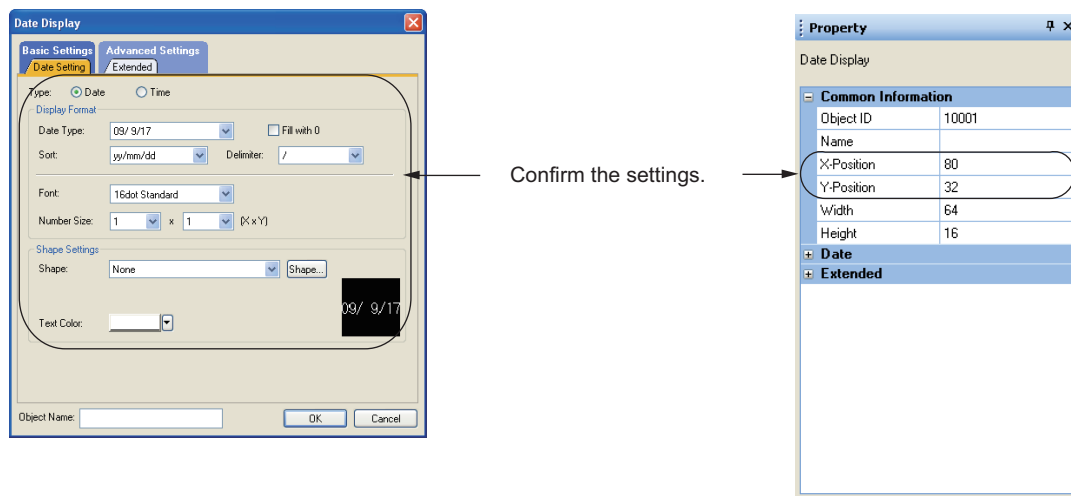
### ■ Conversion summary

[Date] is converted according to the following.

GOT-F900 Series				GT10, GT11, GT15	
Date	Format		Normal	→	Reflected in [Date Display]-[Data Setting]-[Display Format]-[Data Type].
			Short	→	
	Format Settings	Text (Color)		→	Reflected in [Date Display]-[Data Setting]-[Shape Settings]-[Text Color].
		Frame (Color)		→	Reflected in [Date Display]-[Data Setting]-[Shape Settings]-[Frame Color].
		Frame Type (Shape)		→	Reflected in [Date Display]-[Data Setting]-[Shape Settings]-[Shape].
		Bg Transparent	Checked/Not checked	→	Not supported. (Fixed to Bg Transparent.)
		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	X		→	Reflected in Propertysheet (X-Position, Y-Position).
		Y		→	
	Character Size	W		→	Reflected in [Date Display]-[Data Setting]-[Display Format]-[Number Size].
		H		→	

### ■ Confirmation after conversion

Confirm the settings after converting the data to GOT1000 Series.



6.2.10 [Object] Time

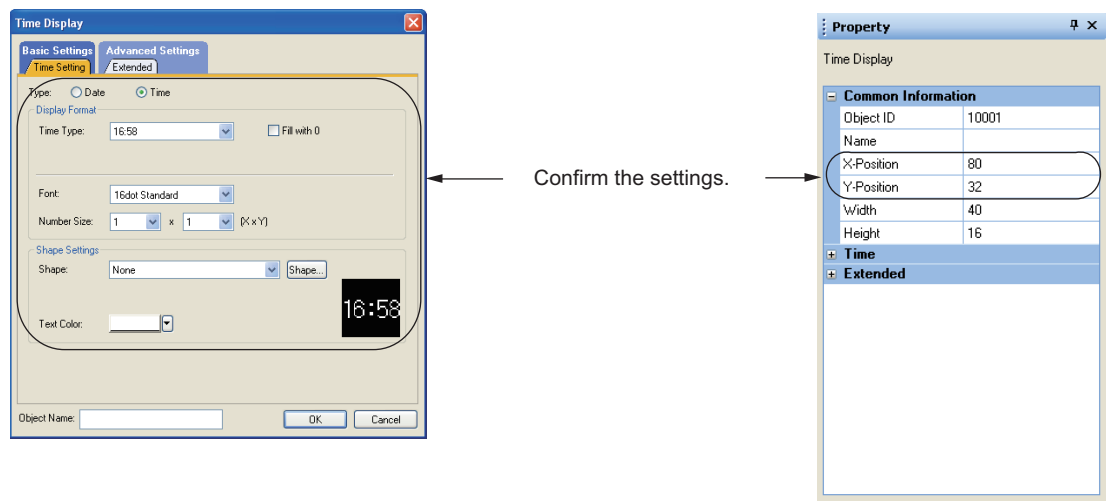
■ Conversion summary

[Time] is converted according to the following.

GOT-F900 Series					GT10, GT11, GT15	
Time	Format		Normal	→	Reflected in [Time Display]-[Time Setting]-[Display Format]-[Time Type].	
			Short	→		
	Format Settings	Text (Color)		→	Reflected in [Time Display]-[Time Setting]-[Shape Settings]-[Text Color].	
		Frame (Color)		→	Reflected in [Time Display]-[Time Setting]-[Shape Settings]-[Frame Color].	
		Frame Type (Shape)		→	Reflected in [Time Display]-[Time Setting]-[Shape Settings]-[Shape...].	
		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	→	Reflected in [Time Display]-[Time Setting]-[Display Format]-[Font].	
	Position	X	→	Reflected in Propertysheet (X-Position, Y-Position).		
		Y	→			
Character Size	W	→	Reflected in [Time Display]-[Time Setting]-[Display Format]-[Size].			
	H	→				

■ Settings after conversion

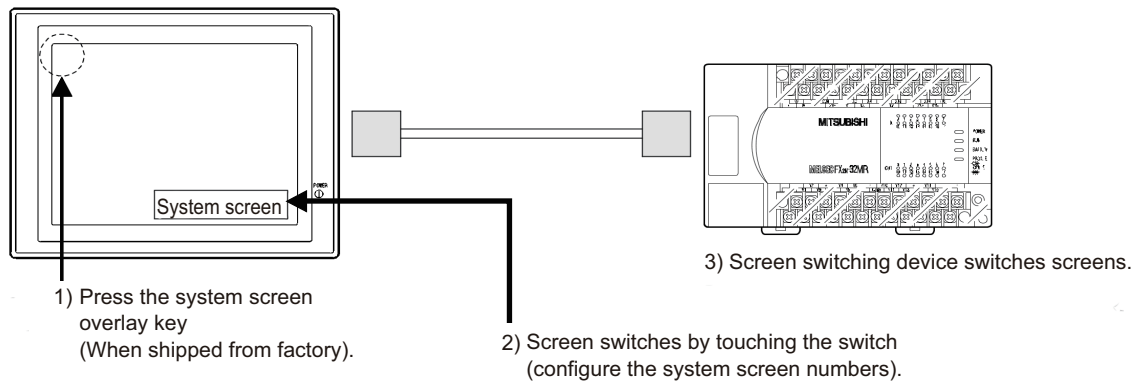
Confirm the settings after converting the data to GOT1000 Series.



# 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.

## 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

○ : Compatible    △ : Some functions are not supported.    □ : No applicable functions

GOT-F900 Series				GT10 setting applic ability	GT11 setting applic ability	GT155□ setting applicabil ity	Remarks
Screen No.	Main Menu	System screen name (function name)					
1001	HPP MODE	DEVICE MONITOR (ELEMENT MONITOR)		○	△	△	Substitute with the system monitor function of the GOT1000 Series.
1002		ACTIVE STATE MONITOR		×	×	×	-
1003		PLC DIAGNOSIS		○	○	○	The FX list editor (option OS) is required for the GT11 and GT155□.
1004	SAMPLING MODE	SET CONDITION		×	×	×	-
1005		DISPLAY LIST		×	×	×	-
1006		DISPLAY GRAPH		×	×	×	-
1007		CLEAR DATA		×	×	×	-
1008	ALARM MODE	DISPLAY STATUS		×	×	×	-
1009		ALARM HISTORY		×	×	×	-
1010		ALARM FREQUENCY		×	×	×	-
1011		CLEAR HISTORY		×	×	×	-
1012	TEST MODE	DATA BANK		×	×	×	-
1013	OTHER MODE	SET-UP MODE	SET CLOCK	○	○	○	-
1014			SET BACKLIGHT	○	○	○	-
1015		SET TIME SWITCH		×	×	×	-
1016		KEYWORD		△	△	△	Supported only for the FX series
1017		PRINT OUT	SAMPLING DATA	×	×	×	-
1018			ALARM HISTORY	×	×	×	-
1019		SET-UP MODE	BUZZER	○	○	○	-
1020			SERIAL PORT	×	×	×	-
1021			LCD CONTRAST	○	○	○	-
1022	HPP MODE	PROGRAM LIST		○	○	○	The FX list editor (option OS) is required for the GT11 and GT155□.
1023		PARAMETER		×	×	×	-
1024		LIST MONITOR		○	○	○	The FX list editor (option OS) is required for the GT11 and GT155□.
1025		BFM MONITOR		×	×	×	-
1026	TEST MODE	USER SCREEN		×	×	×	-
1027	OTHER MODE	SET-UP MODE	LANGUAGE	○	○	○	-
1028			PLC TYPE	△	△	△	Only the connection port to the registered PLC can be selected. The connection PLC is selected by GT Designer3.
1029			OPENING SCREEN	○	○	○	-
1030			MAIN MENU CALL	○	○	○	-
-			CLEAR USER DATA	○	○	○	-
-			AUXILIARY SETTING	×	×	×	-
-		DATA TRANSFER		○	×	×	-
-	TEST MODE	COMMUNICATION MONITOR		○	×	×	GOT1000 Series has a check function for normal/abnormal communication.

# 8. WRITING PROJECT DATA AND OS TO THE GOT

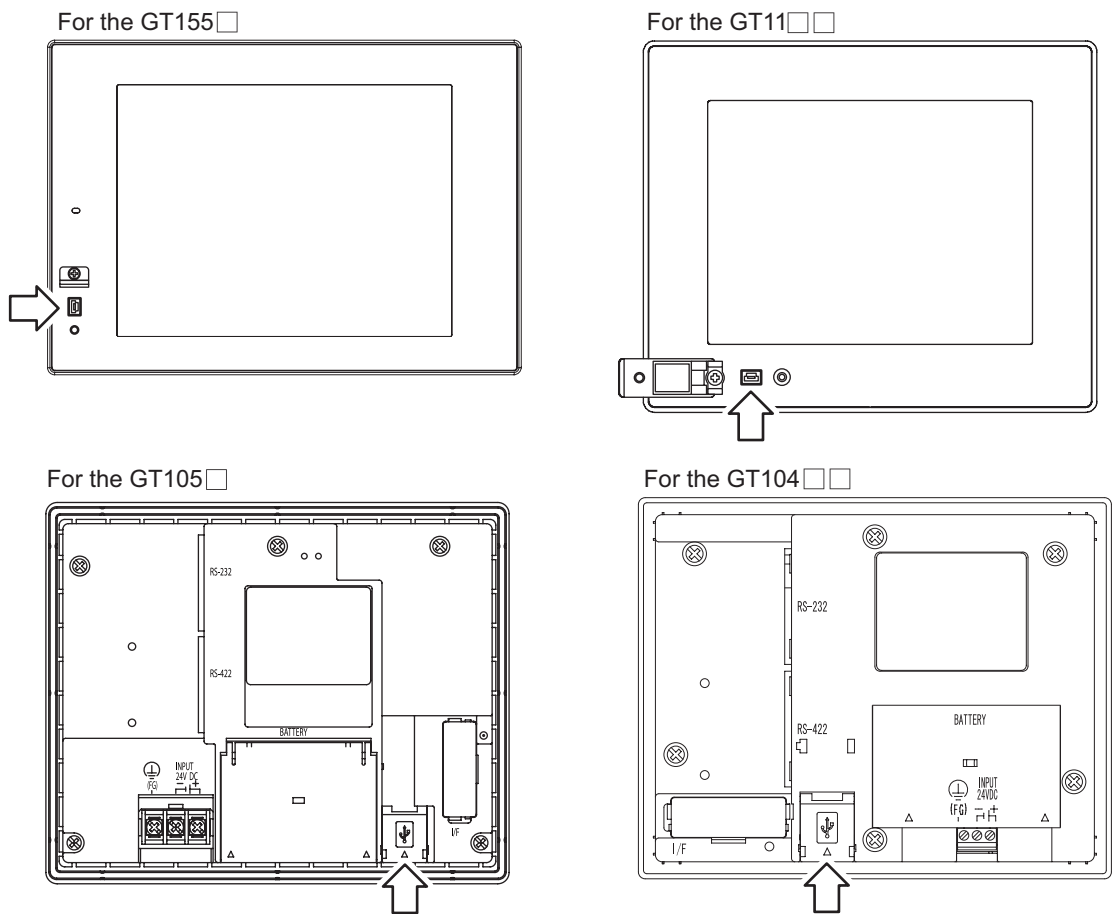
## 8.1 Connection Between a PC and the GOT

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.

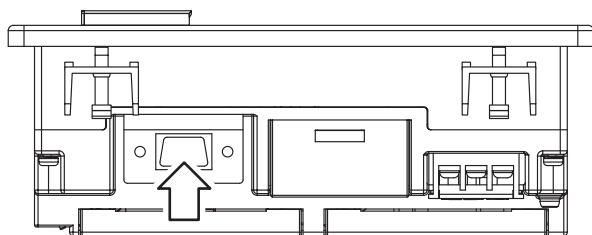
- How to connect the USB cable
- Connect the cable to the GOT USB interface.



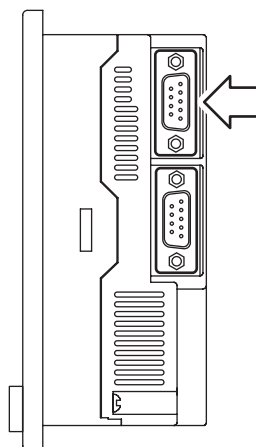
## ■ How to connect the RS-232 cable

Connect the cable to the GOT RS232 interface.

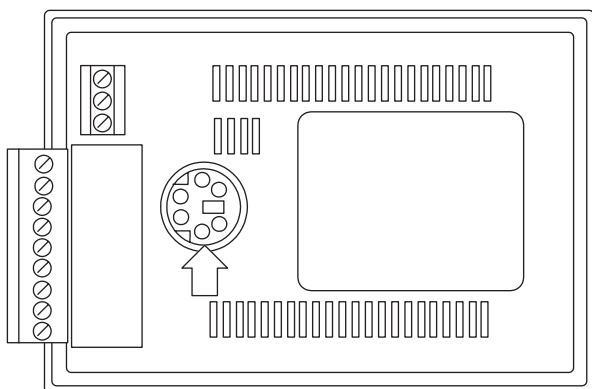
For the GT155□



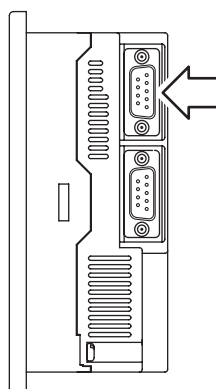
For the GT11□□



For the GT1020, GT1030



For the GT104□, GT105□



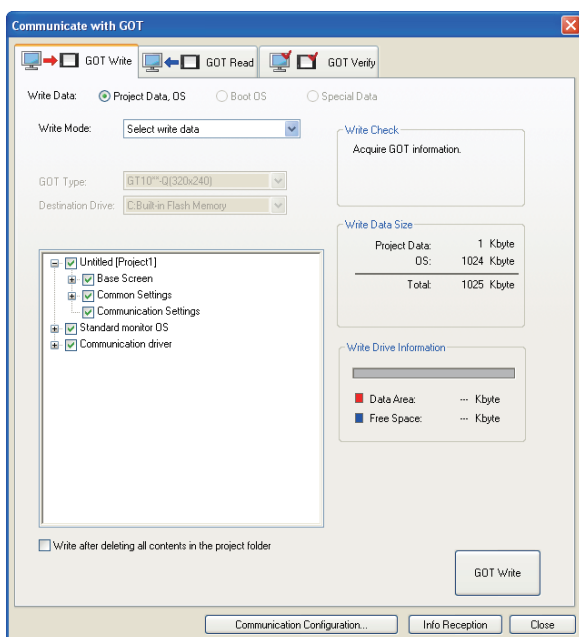
## 8.2 [STEP6] Writing Project Data and OS from a PC onto the GOT

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.



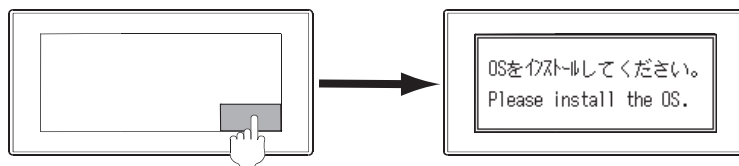
1. Select [Communication] → [Write to GOT...] from the menu.
2. The [Communication configuration] dialog box appears. Set the communication setting between the GOT and the PC. Click the **OK** button when settings are completed.
3. The [GOT Write] tab appears on the [Communicate with GOT] dialog box. Select the [Project data, OS] radio button of the Write Data.
4. 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

- (1) 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



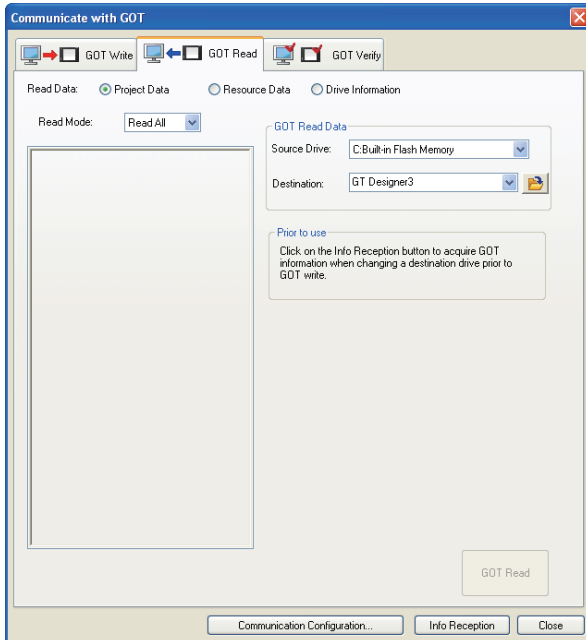
Turn on the GOT while the bottom right corner is touched.

## 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.

☞ GT Designer3 Version □ Screen Design Manual



1. Select [Communication] → [[Read from GOT...]] from the menu.
2. The [Communication configuration] dialog box appears. Set the communication setting between the GOT and the PC. Click the  button when settings are completed.
3. 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. OPERATING THE GOT1000 SERIES

### 9.1 Setting Communication Interface

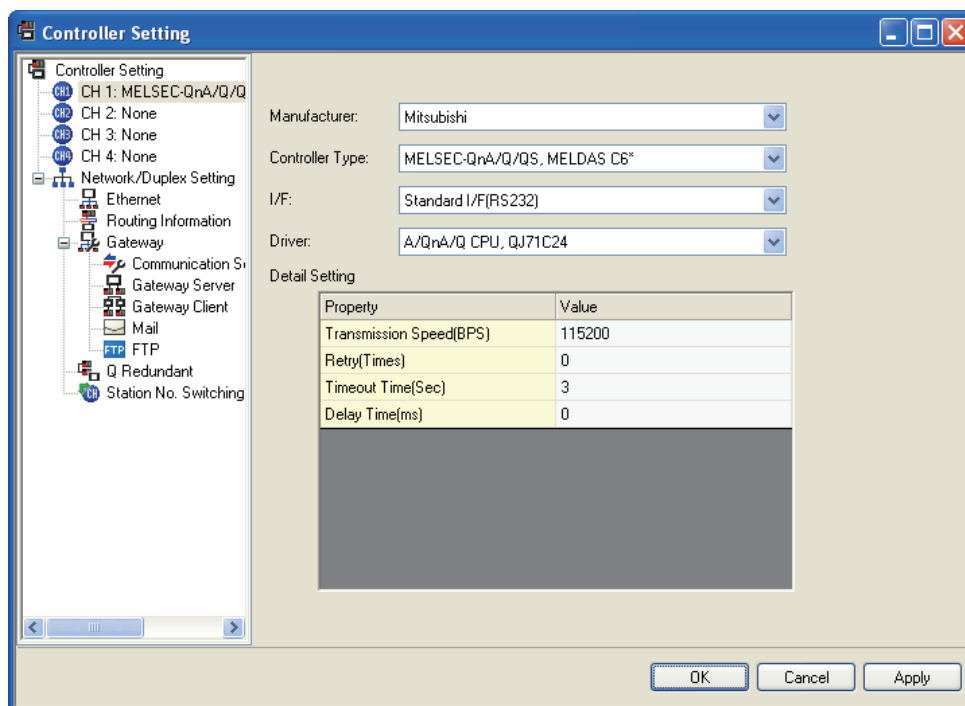
Set the communication interface of GOT and the connected equipment.

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.



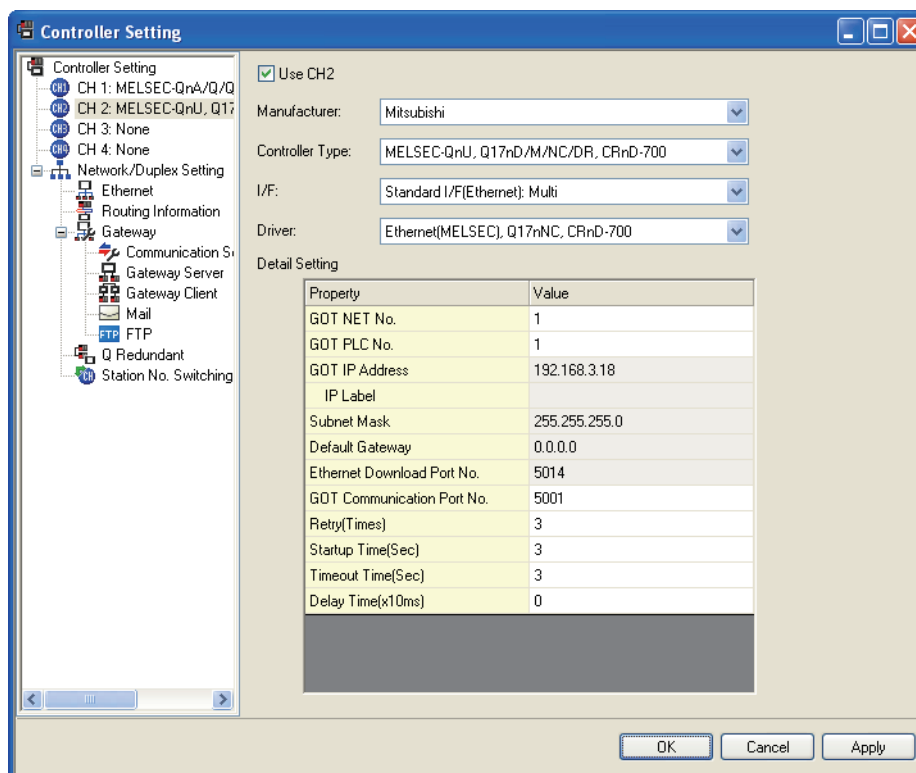
1. Select [Common] → [Controller Setting] from the menu.
2. The Controller Setting dialog box appears. Select the channel No. to be used from the list menu.
3. Make settings referring to the following description.

#### POINT

- (1) 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
- (2) Precedence in communication settings  
When 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.



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.
Type	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.

Type	Model name
MELSEC-Q (Multi)/Q Motion	Q00CPU
	Q01CPU
	Q02CPU
	Q02HCPU
	Q06HCPU
	Q12HCPU
	Q25HCPU
	Q02PHCPU
	Q06PHCPU
	Q12PHCPU
	Q25PHCPU
	Q172CPU
	Q173CPU
	Q172CPUN
	Q173CPUN
	Q172HCPU
	Q173HCPU
	Q172DCPU
	Q173DCPU
MELSEC-A	A2UCPU
	A2UCPU-S1
	A3UCPU
	A4UCPU
	A2ACPU
	A2ACPUP21
	A2ACPUR21
	A2ACPU-S1
	A2ACPUP21-S1
	A2ACPUR21-S1
	A3ACPU
	A3ACPUP21
	A3ACPUR21
	A1NCPU
	A1NCPUP21
	A1NCPUR21
	A2NCPU
	A2NCPUP21

Type	Model name
MELSEC-A	A2NCPUR21
	A2NCPUR21-S1
	A2NCPUP21-S1
	A2NCPUR21-S1
	A3NCPUR21
	A3NCPUP21
	A3NCPUR21
	A2USCPU
	A2USCPU-S1
	A2USHCPU-S1
	A1SCPU
	A1SCPUC24-R2
	A1SHCPU
	A2SCPU
	A2SCPU-S1
	A2SHCPU
	A2SHCPU-S1
	A1SJCPU
	A1SJCPU-S3
	A1SJHCPU
	A0J2HCPU
	A0J2HCPUP21
	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
	A173UHCPU-S1

Type	Model name
For the GT16, GT15 <sup>*1*2</sup> MELSEC-QnU, Q17nD/M/NC/DR, CRnD-700  For the GT11 <sup>*1</sup> MELSEC-QnU, Q17nD/M/NC/DR  For the GT10 <sup>*1</sup> MELSEC-QnU	Q00UJCPU
	Q00UCPU
	Q02UCPU
	Q03UDCPU
	Q04UDHCPU
	Q06UDHCPU
	Q10UDHCPU
	Q13UDHCPU
	Q20UDHCPU
	Q26UDHCPU
	Q03UDECPU
	Q04UDEHCPU
	Q06UDEHCPU
	Q10UDEHCPU
	Q13UDEHCPU
	Q20UDEHCPU
	Q26UDEHCPU
	Q172DCPU
	Q173DCPU
	Q170MCPU
	CNC C70 (Q173NCCPU)
	CRnQ-700 (Q172DRCPU)
	CRnD-700
	Q00JCPU
	Q00CPU
	Q01CPU
	Q02CPU
	Q02HCPU
	Q06HCPU
	Q12HCPU
	Q25HCPU
For the GT16, GT15 <sup>*1*2</sup> MELSEC-QnA/Q/QS, MELDAS C6*  For the GT11 <sup>*1</sup> MELSEC-QnA/Q, MELDAS C6*  For the GT10 <sup>*1</sup> MELSEC-QnA/Q	Q02PHCPU
	Q06PHCPU
	Q12PHCPU
	Q25PHCPU
	Q12PRHCPU
	Q25PRHCPU
	QS001CPU
	Q2ACPU
	Q2ACPU-S1
	Q3ACPU
	Q4ACPU
	Q4ARCPU
	Q2ASCPU
	Q2ASCPU-S1
	Q2ASHCPU
	Q2ASHCPU-S1
	MELDAS C6 (FCA C6)
	MELDAS C64 (FCA C64)

Type	Model name
MELSEC-FX	FX0
	FX0S
	FX0N
	FX1
	FX2
	FX2C
	FX1S
	FX1N
	FX2N
	FX1NC
	FX2NC
	FX3G
	FX3U
	FX3UC
MELSERVO-J2M-P8A	MELSERVO-J2M-P8A
MELSERVO-J2M-*DU	MELSERVO-J2M-*DU
MELSERVO-J2S-*A	MELSERVO-J2S-*A
MELSERVO-J2S-*CP	MELSERVO-J2S-*CP
MELSERVO-J2S-*CL	MELSERVO-J2S-*CL
MELSERVO-J3-*A	MELSERVO-J3-*A
MELSERVO-J3-*T	MELSERVO-J3-*T
FREQROL 500/700 Series	FREQROL-S500
	FREQROL-S500E
	FREQROL-E500
	FREQROL-F500
	FREQROL-F500L
	FREQROL-F500J
	FREQROL-A500
	FREQROL-A500L
	FREQROL-V500
	FREQROL-V500L
	FREQROL-E700
	FREQROL-F700
	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

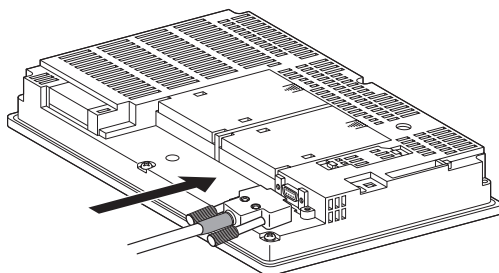
Shut off all phases of the GOT power supply before connecting the cable.

#### ■ How to connect the cable

##### (1) How to connect the RS-232 cable

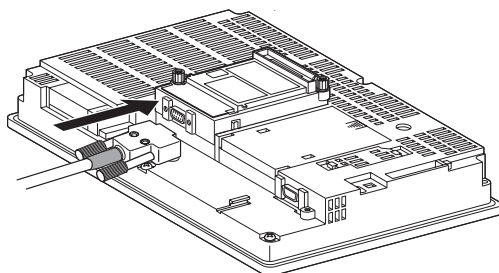
###### (a) For the GT155 □

- When connecting to the RS-232 interface



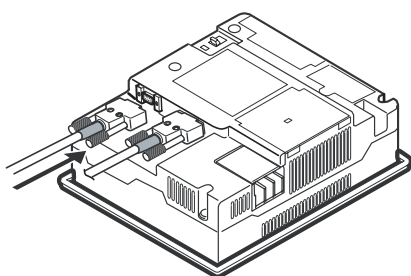
Connect the RS-232 cable to the GOT RS-232 interface.

- When connecting to the RS-232 communication unit



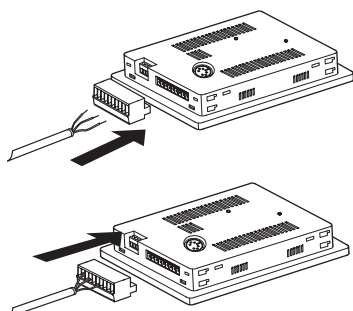
Connect the RS-232 cable to the GOT RS-232 communication unit.

###### (b) For the GT11, GT105 □, GT104 □



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

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

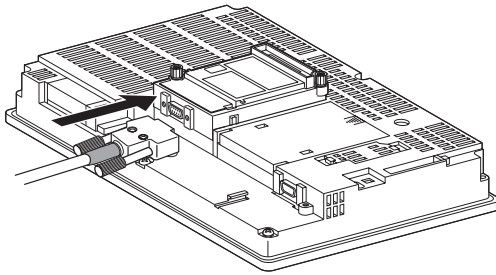


1. Connect the RS-232 cable to the terminal block packed together with the GOT.
2. Connect the terminal block to the GOT.

(1) How to connect the RS-422 cable

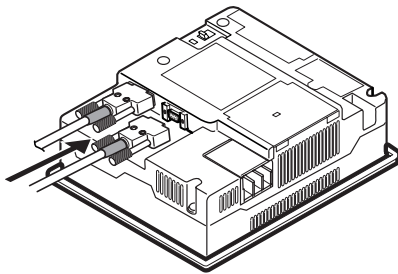
(a) For the GT155 □

- When connecting to the RS-422/485 communication unit



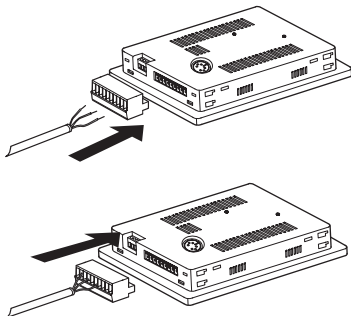
Connect the RS-422 cable to the GOT RS-422/485 communication unit.

(b) For the GT11, GT105 □, GT104 □



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.







4. When the CPU communication check ends, a dialog box will be shown.  
If the CPU communication check ends normally, the dialog box indicating normal termination shown to the left is displayed.  
If the **OK** button in the dialog box after confirming the result is touched, the screen returns to the I/O check.

If the dialog box shown to the left is displayed after selecting [CPU] or during the CPU communication check, confirm the following.

- No misconnection with the CPU
- No hardware error
- No missettings of parameters

( GOT1000 Series Connection Manual)

If the **OK** button in the dialog box after confirming the result is touched, the screen returns to the I/O check.

## ■ 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.

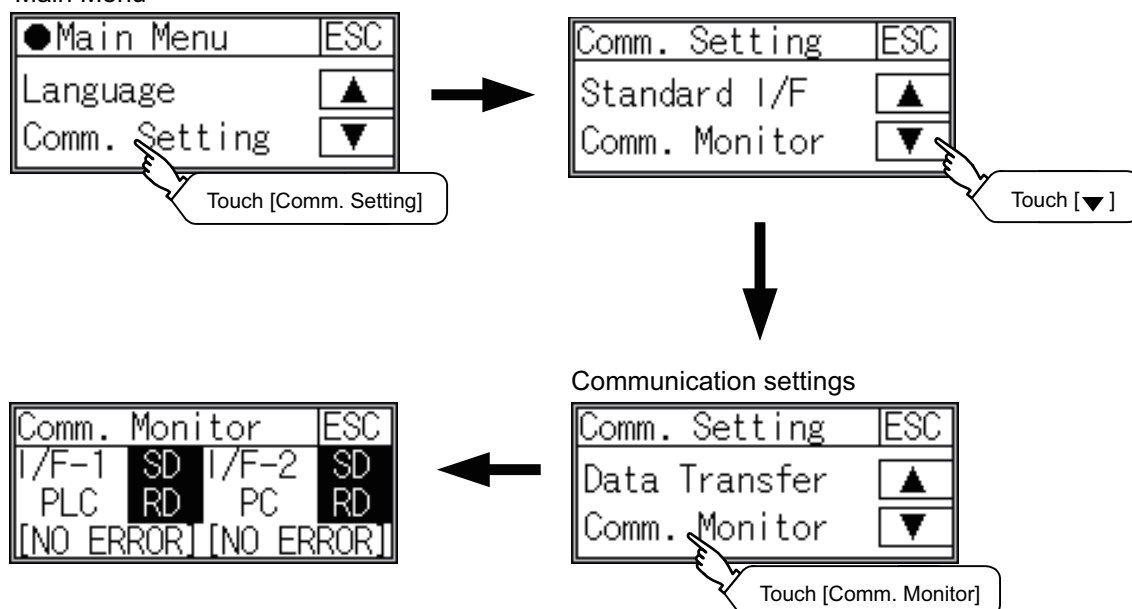
Select [Main menu] → [Comm. Setting] → [Comm. Monitor] to display the communication monitoring function screen.

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

GT10 User's Manual

(Operation of communication monitoring function screen)

Main Menu



## 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.



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## REPLACEMENT GUIDANCE

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JY997D39301A



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

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