MITSUBISHI ELECTRIC

Changes for the Better

Automating the World

FACTORY AUTOMATION

Graphic Operation Terminal
GOT2000 Drive Control (Servo) Interactive Solutions

GOT Drive

MITSUBISHI GRAPHIC OPERATION TERMINAL

GOT2000

MITSUBISHI ELECTRIC SERVO SYSTEM MELSERVO-J5

MITSUBISHI SERVO AMPLIFIERS & MOTORS MELSERVO-J4

MITSUBISHI ELECTRIC SERVO SYSTEM MELSERVO-JET

MITSUBISHI SERVO AMPLIFIERS & MOTORS MELSERVO-JE

Our Factory Automation business is focused on "Automating the World" to make it a better, more sustainable environment supporting manufacturing and society, celebrating diversity and contributing towards an active and fulfilling role.

Mitsubishi Electric is involved in many areas including the following:

Energy and Electric Systems
A wide range of power and electrical products from generators to large-scale displays.

Electronic Devices
A wide portfolio of cutting-edge semiconductor devices for systems and products.

Home Appliance
Dependable consumer products like air conditioners and home entertainment systems.

Information and Communication Systems
Commercial and consumer-centric equipment, products and systems.

Industrial Automation Systems
Maximizing productivity and efficiency with cutting-edge automation technology.

SUSTAINABLE DEVELOPMENT GOALS

The Mitsubishi Electric Group is actively solving social issues, such as decarbonization and labor shortages, by providing production sites with energy-saving equipment and solutions that utilize automation systems, thereby helping towards a sustainable society.

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GOT Drive Control (Servo) Interactive Solutions

GOT Drive

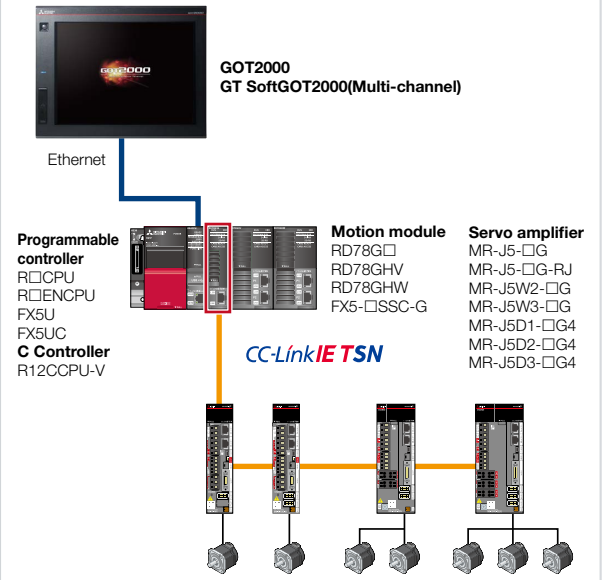
The GOT2000 provides advanced functionality and improves connectivity with Mitsubishi Electric servo systems. It provides some functions of MR Configurator2.
The GOT Drive enhanced functionality is designed to eliminate need for additional hardware, software and suits customers' applications to speed up system startup, improve maintenance and troubleshooting.

GOT2000 Series
Drive Control
Interactive Solutions Movie

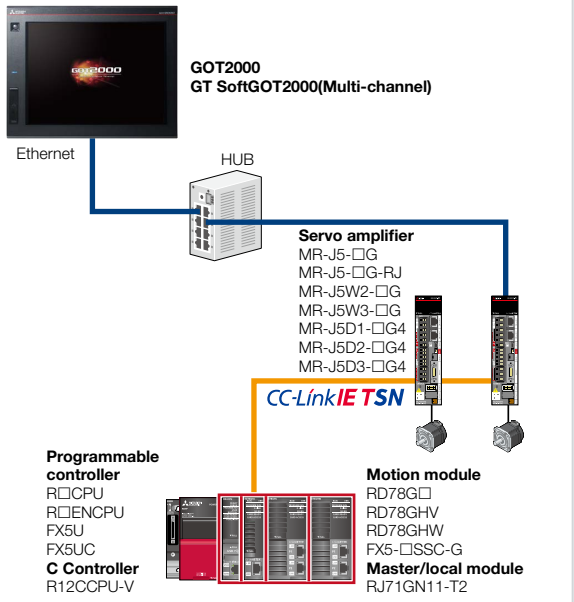
■ GOT and servo system configurations

MELSERVO-J5

J5-CASE1 NEW



J5-CASE2 NEW



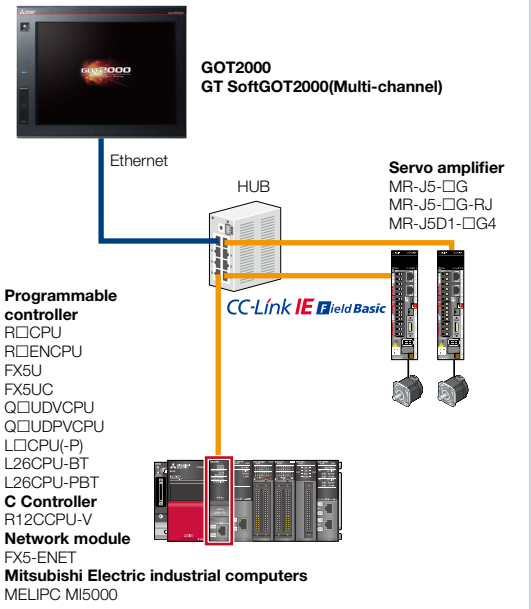
* Supported functions and specifications differ depending on controllers. For details, please refer to the relevant product manual.

System configuration continues on page 6 to 9

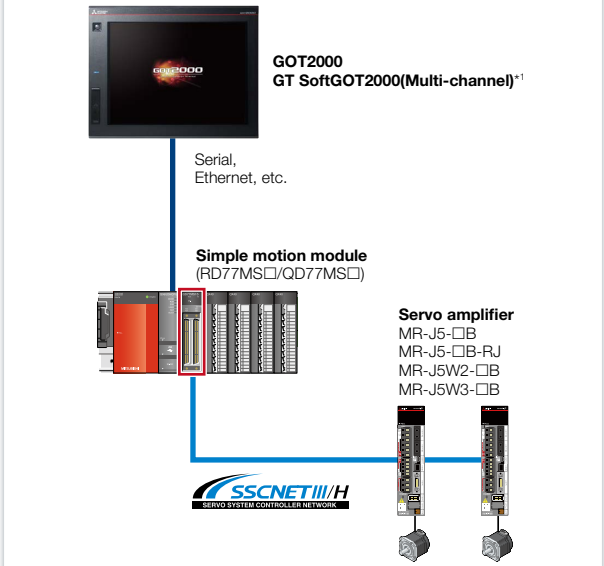
■ GOT and servo system configurations

MELSERVO-J5

J5-CASE3 NEW

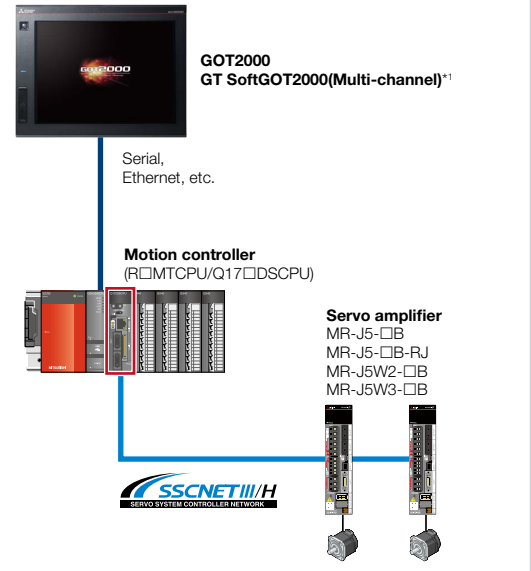


J5-CASE4 NEW



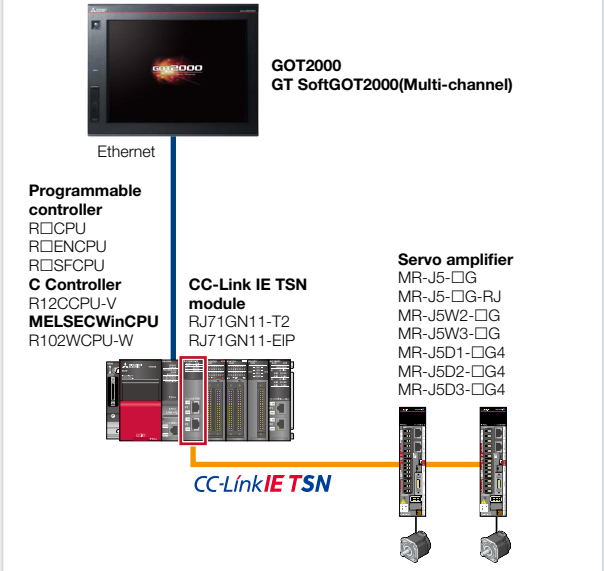
*1 Only Ethernet connection is supported.

J5-CASE5 NEW



*1 Only Ethernet connection is supported.

J5-CASE6 NEW

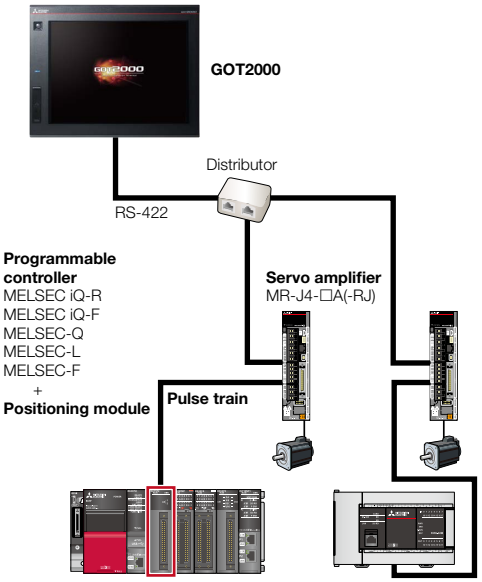


* Supported functions and specifications differ depending on controllers. For details, please refer to the relevant product manual.

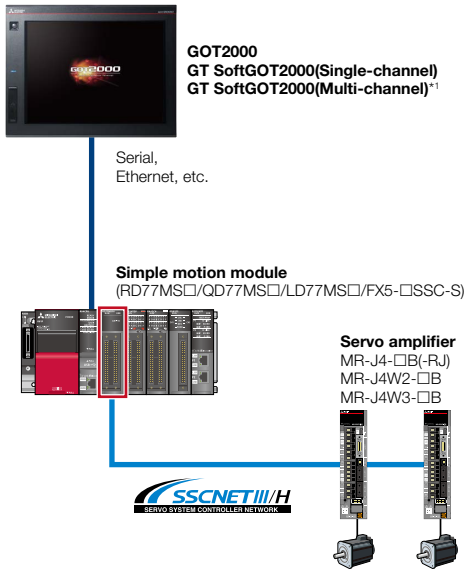
■ GOT and servo system configurations

MELSERVO-J4

J4-CASE1

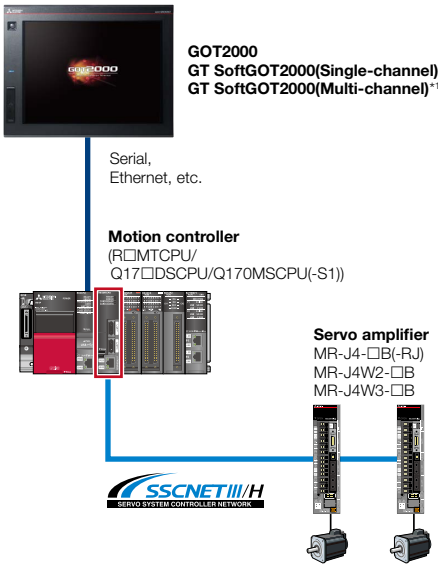


J4-CASE2



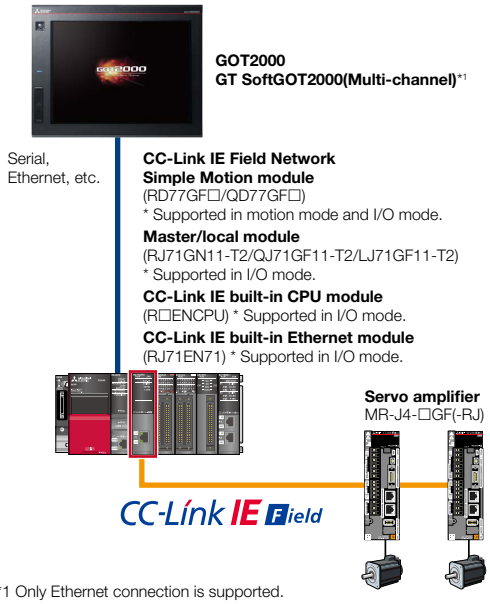
*1 Only Ethernet connection is supported.

J4-CASE3



*1 Only Ethernet connection is supported.

J4-CASE4



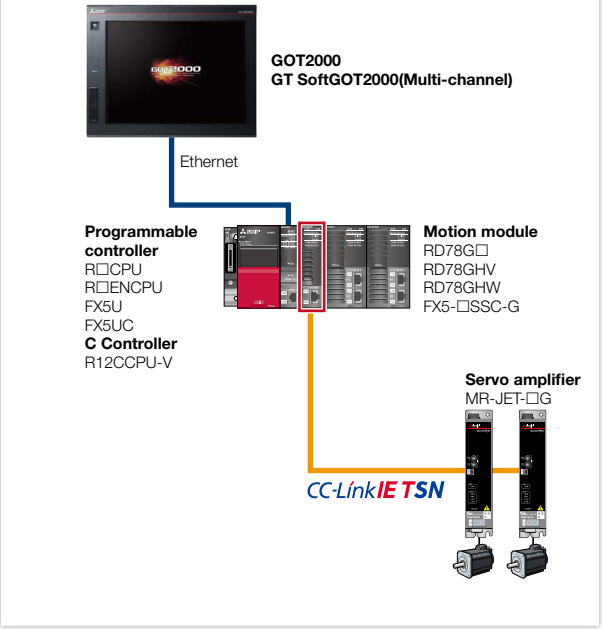
*1 Only Ethernet connection is supported.

* Supported functions and specifications differ depending on controllers. For details, please refer to the relevant product manual.

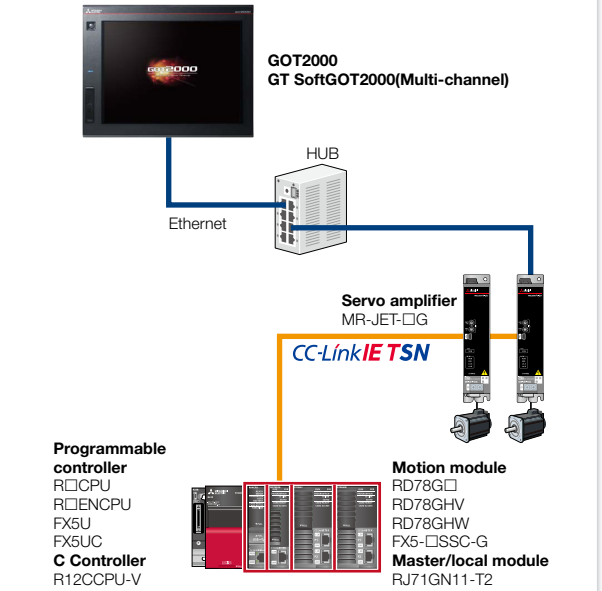
■ GOT and servo system configurations

MELSERVO-JET

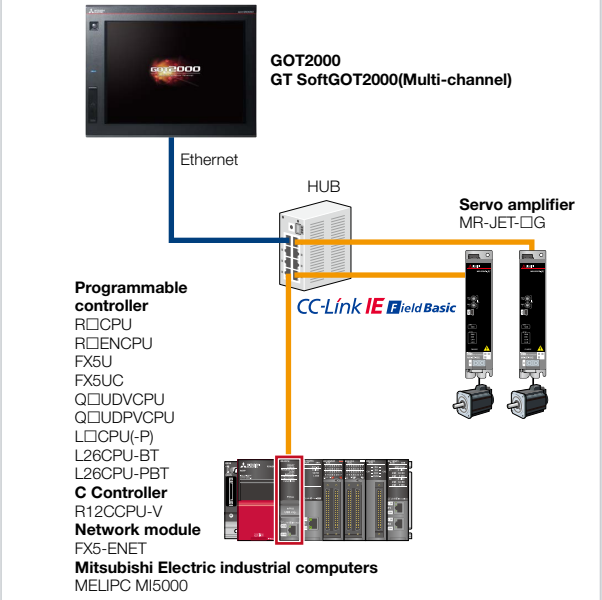
JET-CASE1 NEW



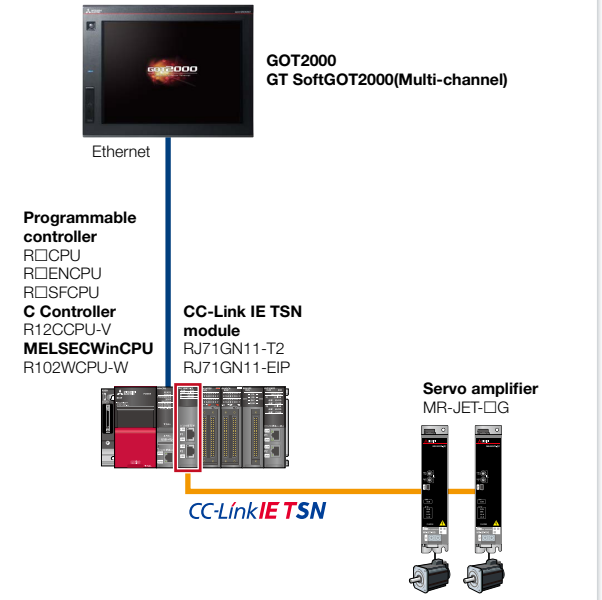
JET-CASE2 NEW



JET-CASE3 NEW



JET-CASE4 NEW

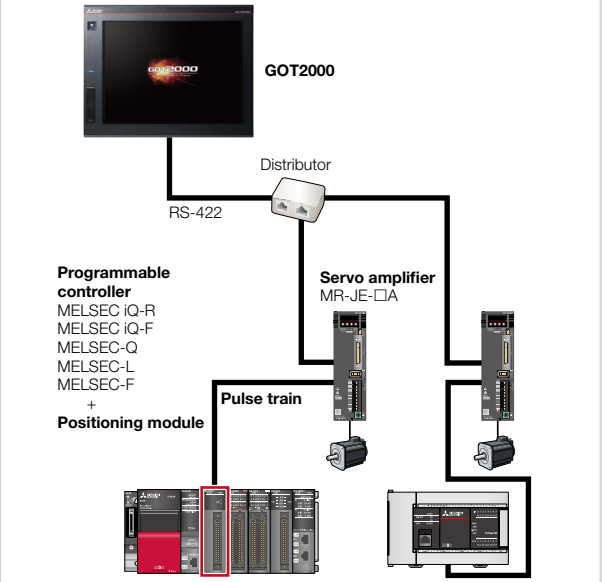


* Supported functions and specifications differ depending on controllers. For details, please refer to the relevant product manual.

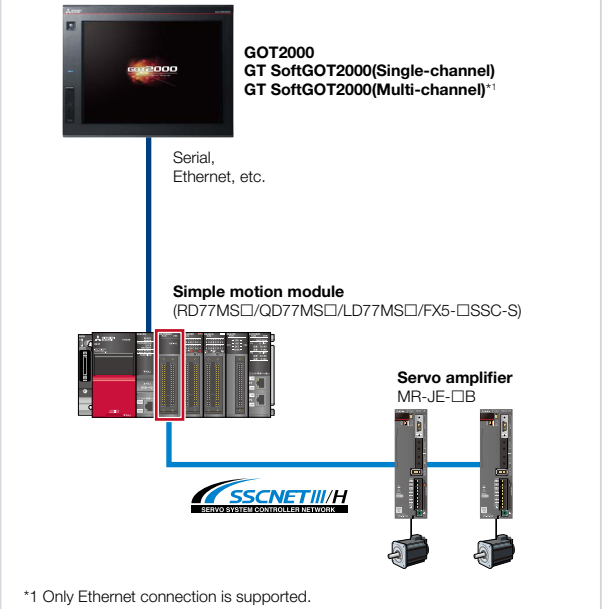
■ GOT and servo system configurations

MELSERVO-JE

JE-CASE1

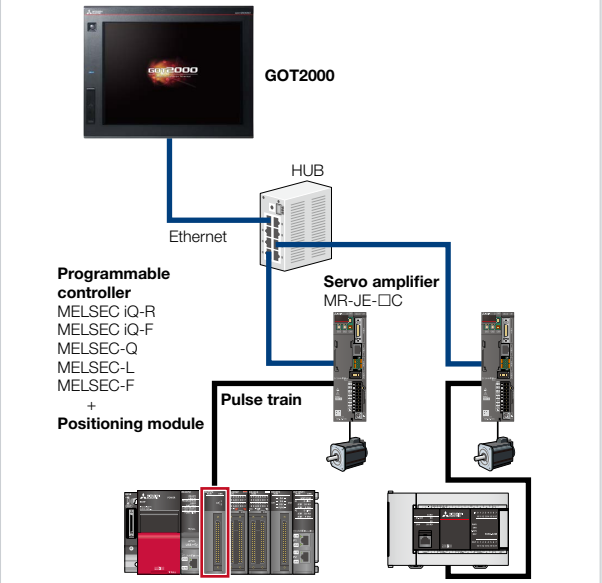


JE-CASE2



*1 Only Ethernet connection is supported.

JE-CASE3



* Supported functions and specifications differ depending on controllers. For details, please refer to the relevant product manual.

System configurations and supported models

Supported GOT models and functions differ depending on the system configuration. Please refer to the following list.

■Term Description

Term	Description
User-created screen	Without using the sample screen, you can freely arrange the parameters and information you want to display by numerical display, lamps, and other objects. The version of GT Works3 supported by the user-created screen differs depending on the system configuration.
Sample screen	Available for GT27**-V (640 × 480), GT2104-R (480 × 272), and GS21**-W-N (800×480) only. (As of January, 2024) The data can be used for GOTs with different resolutions by changing the GOT type. The version of GT Works3 supported by the sample screen differs depending on the system configuration.
Dedicated screen	This screen is provided as the extended function of GOT; therefore there is no need for the users to create the screen. The supported version of GT Works3 differs depending on connected devices and connection types.
FA transparent function	This function allows you to startup and adjust FA devices from a PC (Personal Computer) by connecting it to the GOT without the need for a direct connection between the FA devices and the PC. The supported version of GT Works3 differs depending on connected devices and connection types. For details, please refer to the GOT2000 Series Connection Manual.

■GT27/GT25

●: Supported —: Not supported

System Configuration									User-created screen	Sample screen	Dedicated screen	FA transparent function
CASE	Controllers connected directly to GOT and GT SoftGOT2000				Controller/Servo amplifier							
	Connection type	Name	Model type		Command interface	Name	Model type					
J5-CASE1 NEW	Ethernet	Programmable controller CPU+ Motion module	R□CPU/ R□ENCPU	RD78G□/ RD78GH□	CC-Link IE TSN	Servo amplifier	MR-J5-□G/MR-J5-□G-RJ/ MR-J5W2-□G/MR-J5W3-□G		●	●	●*4	–
							MR-J5D1-□G4/MR-J5D2-□G4/ MR-J5D3-□G4		●	–	●*4	–
			FX5U/FX5UC	FX5-□SSC-G			MR-J5-□G/MR-J5-□G-RJ/ MR-J5W2-□G/MR-J5W3-□G		●	●*3	●*4	–
							MR-J5D1-□G4/MR-J5D2-□G4/ MR-J5D3-□G4		●	–	●*4	–
			R12CCPU-V	RD78G□/ RD78GH□			MR-J5-□G/MR-J5-□G-RJ/ MR-J5W2-□G/MR-J5W3-□G		●	–	–	–
							MR-J5D1-□G4/MR-J5D2-□G4/ MR-J5D3-□G4		●	–	–	–
J5-CASE2 NEW	Ethernet	Servo amplifier	MR-J5-□G/MR-J5-□G-RJ/ MR-J5W2-□G/MR-J5W3-□G		CC-Link IE TSN	Programmable controller CPU+ Motion module	R□CPU/ R□ENCPU	RD78G□/ RD78GH□	●	●*3	–	–
							FX5U/ FX5UC	FX5-□SSC-G	●	●*3	–	–
						Programmable controller CPU+ CC-Link IE TSN Master/local module	R□CPU/ R□ENCPU/ R12CCPU-V	RJ71GN11-T2	●	●*3	–	–
			MR-J5D1-□G4/MR-J5D2-□G4/ MR-J5D3-□G4			Programmable controller CPU+ Motion module	R□CPU/ R□ENCPU	RD78G□/ RD78GH□	●	–	–	–
							FX5U/ FX5UC	FX5-□SSC-G	●	–	–	–
						Programmable controller CPU+ CC-Link IE TSN Master/local module	R□CPU/ R□ENCPU/ R12CCPU-V	RJ71GN11-T2	●	–	–	–
J5-CASE3 NEW	Ethernet	Servo amplifier	MR-J5-□G/MR-J5-□G-RJ		CC-Link IE Field Network Basic	Programmable controller CPU	R□CPU/R□ENCPU/ FX5U/FX5UC/ Q□UDVCPU/Q□UDPVCPU/ L□CPU(-P)/L26CPU-BT/L26CPU-PBT		●	●*3	–	–
						C Controller (MELSEC iQ-R Series)	R12CCPU-V		●	●*3	–	–
						Ethernet module (MELSEC iQ-F Series)	FX5-ENET		●	●*3	–	–
						MELIPC	MI5122-VW		●	●*3	–	–
			MR-J5D1-□G4			Programmable controller CPU	R□CPU/R□ENCPU/ FX5U/FX5UC/ Q□UDVCPU/Q□UDPVCPU/ L□CPU(-P)/L26CPU-BT/L26CPU-PBT		●	–	–	–
						C Controller (MELSEC iQ-R Series)	R12CCPU-V		●	–	–	–
						Ethernet module (MELSEC iQ-F Series)	FX5-ENET		●	–	–	–
						MELIPC	MI5122-VW		●	–	–	–
J5-CASE4 NEW	Serial, Ethernet, etc.	Programmable controller CPU+ Simple Motion module	R□CPU	RD77MS□	SSCNET III/H	Servo amplifier	MR-J5-□B/MR-J5-□B-RJ/ MR-J5W2-□B/ MR-J5W3-□B		●	●*3	●*4	–
			Q□CPU	QD77MS□					●	●	●*4	–
J5-CASE5 NEW	Serial, Ethernet, etc.	Programmable controller CPU+ Motion controller	R□CPU	R□MTCPU	SSCNET III/H	Servo amplifier	MR-J5-□B/MR-J5-□B-RJ/ MR-J5W2-□B/ MR-J5W3-□B		●	●*3	●*4	–
			Q□CPU	Q17□DSCPU					●	●*3	●*4	–
J5-CASE6 NEW	Ethernet	Programmable controller CPU+ CC-Link IE TSN module	R□CPU/ R□ENCPU/ R□SFCPU/ R12CCPU-V/ R102WCPU-W	RJ71GN11-T2	CC-Link IE TSN	Servo amplifier	MR-J5-□G/MR-J5-□G-RJ/ MR-J5W2-□G/MR-J5W3-□G/ MR-J5D1-□G4/MR-J5D2-□G4/ MR-J5D3-□G4		●	–	–	–
			R□CPU/ R□ENCPU	RJ71GN11-EIP					●	–	–	–

*3 The sample screen is set up based on a specific system configuration, such as the GOT being connected to a programmable controller CPU and the servo amplifier being controlled by a motion module. When using the sample screen, it is necessary to change the settings to match the actual system configuration. Please use the sample screen for GT27**-V (640×480).

*4 The dedicated screen differs depending on the system configuration and the servo amplifier. For details, please refer to the GOT2000 Series Connection Manual (Mitsubishi Electric Products) and the GOT2000 Series User's Manual (Monitor).

Notes on sample screens
Depending on your system configuration (P.5-) and servo amplifier, there are cases where the sample screens may not be supported. In such cases, please refer to "User-created screen" on page 45. The sample screens are updated as necessary. The actual sample screens may be different from those in this catalog, and some function screens are not listed. If you wish to obtain the latest sample data, please contact your local sales office.

■GT27/GT25

●: Supported —: Not supported

System Configuration								User-created screen	Sample screen	Dedicated screen	FA transparent function
CASE	Controllers connected directly to GOT and GT SoftGOT2000				Controller/Servo amplifier						
	Connection type	Name	Model type		Command interface	Name	Model type				
J4-CASE1	RS-422	Servo amplifier	MR-J4-□A/ MR-J4-□A-RJ		Pulse train (serial)	Programmable controller CPU+ Positioning module	MELSEC iQ-R Series Programmable controller CPU+ RD75D□, etc./ MELSEC iQ-F Series Programmable controller CPU (built-in positioning function)/ MELSEC iQ-F Series Programmable controller CPU+ FX5-20PG-P, etc./ MELSEC-Q Series Programmable controller CPU+ QD75D□/ MELSEC-L Series Programmable controller CPU+ LD75D□, etc./ MELSEC-F Series Programmable controller CPU (built-in positioning function)/ MELSEC-F Series Programmable controller CPU+ FX3U-1PG, etc.	●	●	●*1*4	–
J4-CASE2	Serial, Ethernet, etc.	Programmable controller CPU+ Simple motion module	R□CPU	RD77MS□	SSCNET III/H	Servo amplifier	MR-J4-□B/ MR-J4-□B-RJ/ MR-J4W2-□B/ MR-J4W3-□B	●	●	●*4	–
			FX5CPU	FX5-□SSC-S				●	–	●*4	–
			Q□CPU	QD77MS□				●	●*3	●*4	–
			L□CPU	LD77MS□				●	–	●*4	–
J4-CASE3	Serial, Ethernet, etc.	Programmable controller CPU+ Motion controller	R□CPU	R□MTCPU	SSCNET III/H	Servo amplifier	MR-J4-□B/ MR-J4-□B-RJ/ MR-J4W2-□B/ MR-J4W3-□B	●	●*3	●*4	●
			Q□CPU	Q17□DSCPU				●	●*3	●*4	●
			Q□CPU	Q170MSCPU				●	–	●*4	●
J4-CASE4	Serial, Ethernet, etc.	Programmable controller CPU+ CC-Link IE Field Network Simple Motion module	R□CPU	RD77GF□	CC-Link IE Field Network	Servo amplifier	MR-J4-□GF/ MR-J4-□GF-RJ	●	–	●*4	–
			Q□CPU	QD77GF□							
		Programmable controller CPU+ CC-Link IE Field Network Master/local module	R□CPU	RJ71GF11-T2				●	–	●*4	–
			Q□CPU	QJ71GF11-T2							
			L□CPU	LJ71GF11-T2							
		CC-Link IE built-in CPU module	R□ENCPU					●	–	●*4	–
		Programmable controller CPU+ CC-Link IE built-in Ethernet module	R□CPU	RJ71EN71				●	–	●*4	–

*1 In case you use the "Intelligent module monitor function" in the dedicated screen, you need to add a wiring between the programmable controller and the GOT.
*3 The sample screen is set up based on a specific system configuration, such as the GOT being connected to a programmable controller CPU and the servo amplifier being controlled by a motion module. When using the sample screen, it is necessary to change the settings to match the actual system configuration. Please use the sample screen for GT27**-V (640×480).
*4 The dedicated screen differs depending on the system configuration and the servo amplifier. For details, please refer to the GOT2000 Series Connection Manual (Mitsubishi Electric Products) and the GOT2000 Series User's Manual (Monitor).

■GT27/GT25

●: Supported —: Not supported

System Configuration								User-created screen	Sample screen	Dedicated screen	FA transparent function
CASE	Controllers connected directly to GOT and GT SoftGOT2000				Controller/Servo amplifier						
	Connection type	Name	Model type		Command interface	Name	Model type				
JET-CASE1 NEW	Ethernet	Programmable controller CPU+ Motion module	R□CPU/ R□ENCPU	RD78G□/ RD78GH□	CC-Link IE TSN	Servo amplifier	MR-JET-□G	●	—	●*4	—
			FX5U/ FX5UC	FX5-□SSC-S				●	—	●*4	—
			R12CCPU-V	RD78G□/ RD78GH□				●	—	—	—
JET-CASE2 NEW	Ethernet	Servo amplifier	MR-JET-□G		CC-Link IE TSN	Programmable controller CPU+ Motion module	R□CPU/ R□ENCPU	RD78G□/ RD78GH□	●	●*5	—	—
							FX5U/ FX5UC	FX5-□SSC-G	●	●*5	—	—
						Programmable controller CPU+ CC-Link IE TSN Master/local module	R□CPU/ R□ENCPU/ R12CCPU-V	RJ71GN11-T2	●	●*5	—	—
JET-CASE3 NEW	Ethernet	Servo amplifier	MR-JET-□G		CC-Link IE Field Network Basic	Programmable controller CPU	R□CPU/R□ENCPU/ FX5U/FX5UC/ Q□UDVCPU/Q□UDPVCPU/ L□CPU(-P)/L26CPU-BT/L26CPU-PBT		●	●*5	—	—
						C Controller (MELSEC iQ-R Series)	R12CCPU-V		●	●*5	—	—
						Ethernet module (MELSEC iQ-F Series)	FX5-ENET		●	●*5	—	—
						MELIPC	MI5122-VW		●	●*5	—	—
JET-CASE4 NEW	Ethernet	Programmable controller CPU+ CC-Link IE TSN module	R□CPU/ R□ENCPU/ R□SFCPU/ R12CCPU-V/ R102WCPU-W	RJ71GN11-T2	CC-Link IE TSN	Servo amplifier	MR-JET-□G		●	—	—	—
			R□CPU/ R□ENCPU	RJ71GN11-EIP					●	—	—	—
JE-CASE1	RS-422	Servo amplifier	MR-JE-□A		Pulse train (serial)	Programmable controller CPU+ Positioning module	MELSEC iQ-R Series Programmable controller CPU+ RD75D□, etc./ MELSEC iQ-F Series Programmable controller CPU (built-in positioning function)/ MELSEC iQ-F Series Programmable controller CPU+ FX5-20PG-P, etc./ MELSEC-Q Series Programmable controller CPU+ QD75D□/ MELSEC-L Series Programmable controller CPU+ LD75D□, etc./ MELSEC-F Series Programmable controller CPU (built-in positioning function)/ MELSEC-F Series Programmable controller CPU+ FX3U-1PG, etc.		●	—	●*1*4	—
JE-CASE2	Serial, Ethernet, etc.	Programmable controller CPU+ Simple Motion module	R□CPU	RD77MS□	SSCNET III/H	Servo amplifier	MR-JE-□B		●	●*3	●*4	●
			FX5CPU	FX5-□SSC-S					●	●	●*4	—
			Q□CPU	QD77MS□					●	—	●*4	●
			L□CPU	LD77MS□					●	—	●*4	●
JE-CASE3	Ethernet	Servo amplifier	MR-JE-□C		Pulse train (serial)	Programmable controller CPU+ Positioning module	MELSEC iQ-R Series Programmable controller CPU+ RD75D□, etc./ MELSEC iQ-F Series Programmable controller CPU (built-in positioning function)/ MELSEC iQ-F Series Programmable controller CPU+ FX5-20PG-P, etc./ MELSEC-Q Series Programmable controller CPU+ QD75D□/ MELSEC-L Series Programmable controller CPU+ LD75D□, etc./ MELSEC-F Series Programmable controller CPU (built-in positioning function)/ MELSEC-F Series Programmable controller CPU+ FX3U-1PG, etc.		●	—	●	—

*1 In case you use the "Intelligent module monitor function" in the dedicated screen, you need to add a wiring between the programmable controller and the GOT.

*3 The sample screen is set up based on a specific system configuration, such as the GOT being connected to a programmable controller CPU and the servo amplifier being controlled by a motion module. When using the sample screen, it is necessary to change the settings to match the actual system configuration. Please use the sample screen for GT27**-V (640×480).

*4 The dedicated screen differs depending on the system configuration and the servo amplifier. For details, please refer to the GOT2000 Series Connection Manual (Mitsubishi Electric Products) and the GOT2000 Series User's Manual (Monitor).

*5 The sample screen is set up based on a specific system configuration, such as the GOT being connected to a programmable controller CPU and the servo amplifier being controlled by a motion module. When using the sample screen, it is necessary to change the settings to match the actual system configuration. Please use the sample screen for GS21**-W-N (800×480).

Notes on sample screens
Depending on your system configuration (P.5-) and servo amplifier, there are cases where the sample screens may not be supported. In such cases, please refer to "User-created screen" on page 45. The sample screens are updated as necessary. The actual sample screens may be different from those in this catalog, and some function screens are not listed. If you wish to obtain the latest sample data, please contact your local sales office.

■GT21

●: Supported —: Not supported

System Configuration									User-created screen	Sample screen	Dedicated screen	FA transparent function
CASE	Controllers connected directly to GOT and GT SoftGOT2000				Controller/Servo amplifier							
	Connection type	Name	Model type		Command interface	Name	Model type					
J5-CASE1	Ethernet	Programmable controller CPU+ Motion module	R□CPU/ R□ENCPU	RD78G□/ RD78GH□	CC-Link IE TSN	Servo amplifier	MR-J5-□G/MR-J5-□G-RJ/ MR-J5W2-□G/MR-J5W3-□G		●	–	–	–
							MR-J5D1-□G4/MR-J5D2-□G4/ MR-J5D3-□G4		●	–	–	–
			FX5U/FX5UC	FX5-□SSC-G			MR-J5-□G/MR-J5-□G-RJ/ MR-J5W2-□G/MR-J5W3-□G		●	–	–	–
							MR-J5D1-□G4/MR-J5D2-□G4/ MR-J5D3-□G4		●	–	–	–
			R12CCPU-V	RD78G□/ RD78GH□			MR-J5-□G/MR-J5-□G-RJ/ MR-J5W2-□G/MR-J5W3-□G		●	–	–	–
							MR-J5D1-□G4/MR-J5D2-□G4/ MR-J5D3-□G4		●	–	–	–
J5-CASE2	Ethernet	Servo amplifier	MR-J5-□G/MR-J5-□G-RJ/ MR-J5W2-□G/MR-J5W3-□G		CC-Link IE TSN	Programmable controller CPU+ Motion module	R□CPU/ R□ENCPU	RD78G□/ RD78GH□	●	–	–	–
							FX5U/ FX5UC	FX5-□SSC-G	●	–	–	–
						Programmable controller CPU+ CC-Link IE TSN Master/local module	R□CPU/ R□ENCPU/ R12CCPU-V	RJ71GN11-T2	●	–	–	–
			MR-J5D1-□G4/MR-J5D2-□G4/ MR-J5D3-□G4			Programmable controller CPU+ Motion module	R□CPU/ R□ENCPU	RD78G□/ RD78GH□	●	–	–	–
							FX5U/ FX5UC	FX5-□SSC-G	●	–	–	–
						Programmable controller CPU+ CC-Link IE TSN Master/local module	R□CPU/ R□ENCPU/ R12CCPU-V	RJ71GN11-T2	●	–	–	–
J5-CASE3	Ethernet	Servo amplifier	MR-J5-□G/MR-J5-□G-RJ		CC-Link IE Field Network Basic	Programmable controller CPU	R□CPU/R□ENCPU/ FX5U/FX5UC/ Q□UDVCPU/Q□UDPVCPU/ L□CPU(-P)/L26CPU-BT/L26CPU-PBT		●	–	–	–
						C Controller (MELSEC iQ-R Series)	R12CCPU-V		●	–	–	–
						Ethernet module (MELSEC iQ-F Series)	FX5-ENET		●	–	–	–
						MELIPC	MI5122-VW		●	–	–	–
			MR-J5D1-□G4			Programmable controller CPU	R□CPU/R□ENCPU/ FX5U/FX5UC/ Q□UDVCPU/Q□UDPVCPU/ L□CPU(-P)/L26CPU-BT/L26CPU-PBT		●	–	–	–
						C Controller (MELSEC iQ-R Series)	R12CCPU-V		●	–	–	–
						Ethernet module (MELSEC iQ-F Series)	FX5-ENET		●	–	–	–
						MELIPC	MI5122-VW		●	–	–	–
J5-CASE4	Serial, Ethernet, etc.	Programmable controller CPU+ Simple Motion module	R□CPU	RD77MS□	SSCNET III/H	Servo amplifier	MR-J5-□B/MR-J5-□B-RJ/ MR-J5W2-□B/ MR-J5W3-□B		–	–	–	–
			Q□CPU	QD77MS□					●	–	–	–
J5-CASE5	Serial, Ethernet, etc.	Programmable controller CPU+ Motion controller	R□CPU	R□MTCPU	SSCNET III/H	Servo amplifier	MR-J5-□B/MR-J5-□B-RJ/ MR-J5W2-□B/ MR-J5W3-□B		–	–	–	–
			Q□CPU	Q17□DSCPU					●	–	–	–
J5-CASE6	Ethernet	Programmable controller CPU+ CC-Link IE TSN module	R□CPU/ R□ENCPU/ R□SFCPU/ R12CCPU-V/ R102WCPU-W	RJ71GN11-T2	CC-Link IE TSN	Servo amplifier	MR-J5-□G/MR-J5-□G-RJ/ MR-J5W2-□G/MR-J5W3-□G/ MR-J5D1-□G4/MR-J5D2-□G4/ MR-J5D3-□G4		●	–	–	–
			R□CPU/ R□ENCPU	RJ71GN11-EIP					●	–	–	–

■GT21

●: Supported —: Not supported

System Configuration								User-created screen	Sample screen	Dedicated screen	FA transparent function
CASE	Controllers connected directly to GOT and GT SoftGOT2000				Controller/Servo amplifier						
	Connection type	Name	Model type		Command interface	Name	Model type				
J4-CASE1	RS-422	Servo amplifier	MR-J4-□A/ MR-J4-□A-RJ		Pulse train (serial)	Programmable controller CPU+ Positioning module	MELSEC iQ-R Series Programmable controller CPU+ RD75D□, etc./ MELSEC iQ-F Series Programmable controller CPU (built-in positioning function)/ MELSEC iQ-F Series Programmable controller CPU+ FX5-20PG-P, etc./ MELSEC-Q Series Programmable controller CPU+ QD75D□/ MELSEC-L Series Programmable controller CPU+ LD75D□, etc./ MELSEC-F Series Programmable controller CPU (built-in positioning function)/ MELSEC-F Series Programmable controller CPU+ FX3U-1PG, etc.	●	●	—	—
J4-CASE2	Serial, Ethernet, etc.	Programmable controller CPU+ Simple motion module	R□CPU	RD77MS□	SSCNET III/H	Servo amplifier	MR-J4-□B/ MR-J4-□B-RJ/ MR-J4W2-□B/ MR-J4W3-□B	●	●*6	—	—
			FX5CPU	FX5-□SSC-S				●	●	—	—
			Q□CPU	QD77MS□				●	—	—	—
			L□CPU	LD77MS□				●	—	—	—
J4-CASE3	Serial, Ethernet, etc.	Programmable controller CPU+ Motion controller	R□CPU	R□MTCPU	SSCNET III/H	Servo amplifier	MR-J4-□B/ MR-J4-□B-RJ/ MR-J4W2-□B/ MR-J4W3-□B	●	—	—	●*2
			Q□CPU	Q17□DSCPU				●	—	—	●*2
			Q□CPU	Q170MSCPU				●	—	—	●*2
J4-CASE4	Serial, Ethernet, etc.	Programmable controller CPU+ CC-Link IE Field Network Simple Motion module	R□CPU	RD77GF□	CC-Link IE Field Network	Servo amplifier	MR-J4-□GF/ MR-J4-□GF-RJ	●	—	—	—
			Q□CPU	QD77GF□							
		Programmable controller CPU+ CC-Link IE Field Network Master/local module	R□CPU	RJ71GF11-T2				●	—	—	—
			Q□CPU	QJ71GF11-T2							
			L□CPU	LJ71GF11-T2							
		CC-Link IE built-in CPU module	R□ENCPU					●	—	—	—
		Programmable controller CPU+ CC-Link IE built-in Ethernet module	R□CPU	RJ71EN71				●	—	—	—

*2 Cannot access or transfer data to servo amplifiers.

*6 The sample screen is set up based on a specific system configuration, such as the GOT being connected to a programmable controller CPU and the servo amplifier being controlled by a motion module. When using the sample screen, it is necessary to change the settings to match the actual system configuration. Please use the sample screen for GT2104-R (480×272).

Notes on sample screens
Depending on your system configuration (P.5-) and servo amplifier, there are cases where the sample screens may not be supported. In such cases, please refer to "User-created screen" on page 45. The sample screens are updated as necessary. The actual sample screens may be different from those in this catalog, and some function screens are not listed. If you wish to obtain the latest sample data, please contact your local sales office.

■GT21

●: Supported —: Not supported

System Configuration											
CASE	Controllers connected directly to GOT and GT SoftGOT2000				Controller/Servo amplifier			User-created screen	Sample screen	Dedicated screen	FA transparent function
	Connection type	Name	Model type		Command interface	Name	Model type				
JET-CASE1 NEW	Ethernet	Programmable controller CPU+ Motion module	R□CPU/ R□ENCPU	RD78G□/ RD78GH□	CC-Link IE TSN	Servo amplifier	MR-JET-□G	●	—	—	—
			FX5U/ FX5UC	FX5-□SSC-S				●	—	—	—
			R12CCPU-V	RD78G□/ RD78GH□				●	—	—	—
JET-CASE2 NEW	Ethernet	Servo amplifier	MR-JET-□G		CC-Link IE TSN	Programmable controller CPU+ Motion module	R□CPU/ R□ENCPU	RD78G□/ RD78GH□	●	●*5	—	—
							FX5U/ FX5UC	FX5-□SSC-G	●	●*5	—	—
						Programmable controller CPU+ CC-Link IE TSN Master/local module	R□CPU/ R□ENCPU/ R12CCPU-V	RJ71GN11-T2	●	●*5	—	—
JET-CASE3 NEW	Ethernet	Servo amplifier	MR-JET-□G		CC-Link IE Field Network Basic	Programmable controller CPU	R□CPU/R□ENCPU/ FX5U/FX5UC/ Q□UDVCPU/Q□UDPVCPU/ L□CPU(-P)/L26CPU-BT/L26CPU-PBT		●	●*5	—	—
						C Controller (MELSEC iQ-R Series)	R12CCPU-V		●	●*5	—	—
						Ethernet module (MELSEC iQ-F Series)	FX5-ENET		●	●*5	—	—
						MELIPC	MI5122-VW		●	●*5	—	—
JET-CASE4 NEW	Ethernet	Programmable controller CPU+ CC-Link IE TSN module	R□CPU/ R□ENCPU/ R□SFCPU/ R12CCPU-V/ R102WCPU-W	RJ71GN11-T2	CC-Link IE TSN	Servo amplifier	MR-JET-□G		●	—	—	—
			R□CPU/ R□ENCPU	RJ71GN11-EIP					●	—	—	—
JE-CASE1	RS-422	Servo amplifier	MR-JE-□A		Pulse train (serial)	Programmable controller CPU+ Positioning module	MELSEC iQ-R Series Programmable controller CPU+ RD75D□, etc./ MELSEC iQ-F Series Programmable controller CPU (built-in positioning function)/ MELSEC iQ-F Series Programmable controller CPU+ FX5-20PG-P, etc./ MELSEC-Q Series Programmable controller CPU+ QD75D□/ MELSEC-L Series Programmable controller CPU+ LD75D□, etc./ MELSEC-F Series Programmable controller CPU (built-in positioning function)/ MELSEC-F Series Programmable controller CPU+ FX3U-1PG, etc.		●	—	—	—
JE-CASE2	Serial, Ethernet, etc.	Programmable controller CPU+ Simple Motion module	R□CPU	RD77MS□	SSCNET III/H	Servo amplifier	MR-JE-□B		●	—	—	—
			FX5CPU	FX5-□SSC-S					●	—	—	—
			Q□CPU	QD77MS□					●	—	—	—
			L□CPU	LD77MS□					●	—	—	—
JE-CASE3	Ethernet	Servo amplifier	MR-JE-□C		Pulse train (serial)	Programmable controller CPU+ Positioning module	MELSEC iQ-R Series Programmable controller CPU+ RD75D□, etc./ MELSEC iQ-F Series Programmable controller CPU (built-in positioning function)/ MELSEC iQ-F Series Programmable controller CPU+ FX5-20PG-P, etc./ MELSEC-Q Series Programmable controller CPU+ QD75D□/ MELSEC-L Series Programmable controller CPU+ LD75D□, etc./ MELSEC-F Series Programmable controller CPU (built-in positioning function)/ MELSEC-F Series Programmable controller CPU+ FX3U-1PG, etc.		●	—	—	—

*5 The sample screen is set up based on a specific system configuration, such as the GOT being connected to a programmable controller CPU and the servo amplifier being controlled by a motion module. When using the sample screen, it is necessary to change the settings to match the actual system configuration. Please use the sample screen for GS21**-W-N (800×480).

■GOT SoftGOT2000 (single-channel connection)

●: Supported —: Not supported

System Configuration												
CASE	Controllers connected directly to GT SoftGOT2000				Controller/Servo amplifier				User-created screen	Sample screen	Dedicated screen	FA transparent function
	Connection type	Name	Model type		Command interface	Name	Model type					
J5-CASE1	Ethernet	Programmable controller CPU+ Motion module	R□CPU/ R□ENCPU	RD78G□/ RD78GH□	CC-Link IE TSN	Servo amplifier	MR-J5-□G/MR-J5-□G-RJ/ MR-J5W2-□G/MR-J5W3-□G		–	–	–	–
							MR-J5D1-□G4/MR-J5D2-□G4/ MR-J5D3-□G4		–	–	–	–
			FX5U/FX5UC	FX5-□SSC-G			MR-J5-□G/MR-J5-□G-RJ/ MR-J5W2-□G/MR-J5W3-□G		–	–	–	–
							MR-J5D1-□G4/MR-J5D2-□G4/ MR-J5D3-□G4		–	–	–	–
			R12CCPU-V	RD78G□/ RD78GH□			MR-J5-□G/MR-J5-□G-RJ/ MR-J5W2-□G/MR-J5W3-□G		–	–	–	–
							MR-J5D1-□G4/MR-J5D2-□G4/ MR-J5D3-□G4		–	–	–	–
J5-CASE2	Ethernet	Servo amplifier	MR-J5-□G/MR-J5-□G-RJ/ MR-J5W2-□G/MR-J5W3-□G		CC-Link IE TSN	Programmable controller CPU+ Motion module	R□CPU/ R□ENCPU	RD78G□/ RD78GH□	–	–	–	–
							FX5U/ FX5UC	FX5-□SSC-G	–	–	–	–
						Programmable controller CPU+ CC-Link IE TSN Master/local module	R□CPU/ R□ENCPU/ R12CCPU-V	RJ71GN11-T2	–	–	–	–
			MR-J5D1-□G4/MR-J5D2-□G4/ MR-J5D3-□G4			Programmable controller CPU+ Motion module	R□CPU/ R□ENCPU	RD78G□/ RD78GH□	–	–	–	–
							FX5U/ FX5UC	FX5-□SSC-G	–	–	–	–
						Programmable controller CPU+ CC-Link IE TSN Master/local module	R□CPU/ R□ENCPU/ R12CCPU-V	RJ71GN11-T2	–	–	–	–
J5-CASE3	Ethernet	Servo amplifier	MR-J5-□G/MR-J5-□G-RJ		CC-Link IE Field Network Basic	Programmable controller CPU	R□CPU/R□ENCPU/ FX5U/FX5UC/ Q□UDVCPU/Q□UDPVCPU/ L□CPU(-P)/L26CPU-BT/L26CPU-BT		–	–	–	–
						C Controller (MELSEC iQ-R Series)	R12CCPU-V		–	–	–	–
						Ethernet module (MELSEC iQ-F Series)	FX5-ENET		–	–	–	–
						MELIPC	MI5122-VW		–	–	–	–
			MR-J5D1-□G4			Programmable controller CPU	R□CPU/R□ENCPU/ FX5U/FX5UC/ Q□UDVCPU/Q□UDPVCPU/ L□CPU(-P)/L26CPU-BT/L26CPU-BT		–	–	–	–
						C Controller (MELSEC iQ-R Series)	R12CCPU-V		–	–	–	–
						Ethernet module (MELSEC iQ-F Series)	FX5-ENET		–	–	–	–
						MELIPC	MI5122-VW		–	–	–	–
J5-CASE4	Ethernet	Programmable controller CPU+ Simple Motion module	R□CPU	RD77MS□	SSCNET III/H	Servo amplifier	MR-J5-□B/MR-J5-□B-RJ/ MR-J5W2-□B/ MR-J5W3-□B		–	–	–	–
			Q□CPU	QD77MS□					–	–	–	–
J5-CASE5	Ethernet	Programmable controller CPU+ Motion controller	R□CPU	R□MTCPU	SSCNET III/H	Servo amplifier	MR-J5-□B/MR-J5-□B-RJ/ MR-J5W2-□B/ MR-J5W3-□B		–	–	–	–
			Q□CPU	Q17□DSCPU					–	–	–	–
J5-CASE6	Ethernet	Programmable controller CPU+ CC-Link IE TSN module	R□CPU/ R□ENCPU/ R□SFCPU/ R12CCPU-V/ R102WCPU-W	RJ71GN11-T2	CC-Link IE TSN	Servo amplifier	MR-J5-□G/MR-J5-□G-RJ/ MR-J5W2-□G/MR-J5W3-□G/ MR-J5D1-□G4/MR-J5D2-□G4/ MR-J5D3-□G4		–	–	–	–
			R□CPU/ R□ENCPU	RJ71GN11-EIP					–	–	–	–

Notes on sample screens
Depending on your system configuration (P.5-) and servo amplifier, there are cases where the sample screens may not be supported. In such cases, please refer to "User-created screen" on page 45. The sample screens are updated as necessary. The actual sample screens may be different from those in this catalog, and some function screens are not listed. If you wish to obtain the latest sample data, please contact your local sales office.

■GOT SoftGOT2000 (single-channel connection)

●: Supported —: Not supported

System Configuration								User-created screen	Sample screen	Dedicated screen	FA transparent function
CASE	Controllers connected directly to GOT and GT SoftGOT2000				Controller/Servo amplifier						
	Connection type	Name	Model type		Command interface	Name	Model type				
J4-CASE1	RS-422	Servo amplifier	MR-J4-□A/ MR-J4-□A-RJ		Pulse train (serial)	Programmable controller CPU+ Positioning module	MELSEC iQ-R Series Programmable controller CPU+ RD75D□, etc./ MELSEC iQ-F Series Programmable controller CPU (built-in positioning function)/ MELSEC iQ-F Series Programmable controller CPU+ FX5-20PG-P, etc./ MELSEC-Q Series Programmable controller CPU+ QD75D□/ MELSEC-L Series Programmable controller CPU+ LD75D□, etc./ MELSEC-F Series Programmable controller CPU (built-in positioning function)/ MELSEC-F Series Programmable controller CPU+ FX3U-1PG, etc.	–	–	–	–
J4-CASE2	Serial, Ethernet, etc.	Programmable controller CPU+ Simple motion module	R□CPU	RD77MS□	SSCNET III/H	Servo amplifier	MR-J4-□B/ MR-J4-□B-RJ/ MR-J4W2-□B/ MR-J4W3-□B	●	–	–	–
			FX5CPU	FX5-□SSC-S				●	–	–	–
			Q□CPU	QD77MS□				–	–	–	–
			L□CPU	LD77MS□				–	–	–	–
J4-CASE3	Serial, Ethernet, etc.	Programmable controller CPU+ Motion controller	R□CPU	R□MTCPU	SSCNET III/H	Servo amplifier	MR-J4-□B/ MR-J4-□B-RJ/ MR-J4W2-□B/ MR-J4W3-□B	●	–	–	–
			Q□CPU	Q17□DSCPU				–	–	–	–
			Q□CPU	Q170MSCPU				–	–	–	–
J4-CASE4	Ethernet	Programmable controller CPU+ CC-Link IE Field Network Simple Motion module	R□CPU	RD77GF□	CC-Link IE Field Network	Servo amplifier	MR-J4-□GF/ MR-J4-□GF-RJ	–	–	–	–
			Q□CPU	QD77GF□							
		Programmable controller CPU+ CC-Link IE Field Network Master/local module	R□CPU	RJ71GF11-T2				–	–	–	–
			Q□CPU	QJ71GF11-T2							
			L□CPU	LJ71GF11-T2							
		CC-Link IE built-in CPU module	R□ENCPU					–	–	–	–
		Programmable controller CPU+ CC-Link IE built-in Ethernet module	R□CPU	RJ71EN71				–	–	–	–

■GOT SoftGOT2000 (single-channel connection)

●: Supported —: Not supported

System Configuration											
CASE	Controllers connected directly to GOT and GT SoftGOT2000				Controller/Servo amplifier			User-created screen	Sample screen	Dedicated screen	FA transparent function
	Connection type	Name	Model type		Command interface	Name	Model type				
JET-CASE1	Ethernet	Programmable controller CPU+ Motion module	R□CPU/ R□ENCPU	RD78G□/ RD78GH□	CC-Link IE TSN	Servo amplifier	MR-JET-□G	–	–	–	–
			FX5U/ FX5UC	FX5-□SSC-S				–	–	–	–
			R12CCPU-V	RD78G□/ RD78GH□				–	–	–	–
JET-CASE2	Ethernet	Servo amplifier	MR-JET-□G		CC-Link IE TSN	Programmable controller CPU+ Motion module	R□CPU/ R□ENCPU	RD78G□/ RD78GH□	–	–	–	–
							FX5U/ FX5UC	FX5-□SSC-G	–	–	–	–
						Programmable controller CPU+ CC-Link IE TSN Master/local module	R□CPU/ R□ENCPU/ R12CCPU-V	RJ71GN11-T2	–	–	–	–
JET-CASE3	Ethernet	Servo amplifier	MR-JET-□G		CC-Link IE Field Network Basic	Programmable controller CPU	R□CPU/R□ENCPU/ FX5U/FX5UC/ Q□UDVCPU/Q□UDPVCPU/ L□CPU(-P)/L26CPU-BT/L26CPU-PBT		–	–	–	–
						C Controller (MELSEC iQ-R Series)	R12CCPU-V		–	–	–	–
						Ethernet module (MELSEC iQ-F Series)	FX5-ENET		–	–	–	–
						MELIPC	MI5122-VW		–	–	–	–
JET-CASE4	Ethernet	Programmable controller CPU+ CC-Link IE TSN module	R□CPU/ R□ENCPU/ R□SFCPU/ R12CCPU-V/ R102WCPU-W	RJ71GN11-T2	CC-Link IE TSN	Servo amplifier	MR-JET-□G		–	–	–	–
			R□CPU/ R□ENCPU	RJ71GN11-EIP					–	–	–	–
JE-CASE1	RS-422	Servo amplifier	MR-JE-□A		Pulse train (serial)	Programmable controller CPU+ Positioning module	MELSEC iQ-R Series Programmable controller CPU+ RD75D□, etc./ MELSEC iQ-F Series Programmable controller CPU (built-in positioning function)/ MELSEC iQ-F Series Programmable controller CPU+ FX5-20PG-P, etc./ MELSEC-Q Series Programmable controller CPU+ QD75D□/ MELSEC-L Series Programmable controller CPU+ LD75D□, etc./ MELSEC-F Series Programmable controller CPU (built-in positioning function)/ MELSEC-F Series Programmable controller CPU+ FX3U-1PG, etc.		–	–	–	–
JE-CASE2	Serial, Ethernet, etc.	Programmable controller CPU+ Simple Motion module	R□CPU	RD77MS□	SSCNET III/H	Servo amplifier	MR-JE-□B		●	–	–	–
			FX5CPU	FX5-□SSC-S					●	–	–	–
			Q□CPU	QD77MS□					–	–	–	–
			L□CPU	LD77MS□					–	–	–	–
JE-CASE3	Ethernet	Servo amplifier	MR-JE-□C		Pulse train (serial)	Programmable controller CPU+ Positioning module	MELSEC iQ-R Series Programmable controller CPU+ RD75D□, etc./ MELSEC iQ-F Series Programmable controller CPU (built-in positioning function)/ MELSEC iQ-F Series Programmable controller CPU+ FX5-20PG-P, etc./ MELSEC-Q Series Programmable controller CPU+ QD75D□/ MELSEC-L Series Programmable controller CPU+ LD75D□, etc./ MELSEC-F Series Programmable controller CPU (built-in positioning function)/ MELSEC-F Series Programmable controller CPU+ FX3U-1PG, etc.		–	–	–	–

Notes on sample screens
Depending on your system configuration (P.5-) and servo amplifier, there are cases where the sample screens may not be supported. In such cases, please refer to "User-created screen" on page 45. The sample screens are updated as necessary. The actual sample screens may be different from those in this catalog, and some function screens are not listed. If you wish to obtain the latest sample data, please contact your local sales office.

■GOT SoftGOT2000 (multi-channel connection) NEW

●: Supported —: Not supported

System Configuration									User-created screen	Sample screen	Dedicated screen	FA transparent function
CASE	Controllers connected directly to GOT and GT SoftGOT2000				Controller/Servo amplifier							
	Connection type	Name	Model type		Command interface	Name	Model type					
J5-CASE1	Ethernet	Programmable controller CPU+ Motion module	R□CPU/ R□ENCPU	RD78G□/ RD78GH□	CC-Link IE TSN	Servo amplifier	MR-J5-□G/MR-J5-□G-RJ/ MR-J5W2-□G/MR-J5W3-□G		●	●*3	●*4	–
							MR-J5D1-□G4/MR-J5D2-□G4/ MR-J5D3-□G4		●	–	●*4	–
			FX5U/FX5UC	FX5-□SSC-G			MR-J5-□G/MR-J5-□G-RJ/ MR-J5W2-□G/MR-J5W3-□G		●	●*3	●*4	–
							MR-J5D1-□G4/MR-J5D2-□G4/ MR-J5D3-□G4		●	–	●*4	–
			R12CCPU-V	RD78G□/ RD78GH□			MR-J5-□G/MR-J5-□G-RJ/ MR-J5W2-□G/MR-J5W3-□G		●	–	–	–
							MR-J5D1-□G4/MR-J5D2-□G4/ MR-J5D3-□G4		●	–	–	–
J5-CASE2	Ethernet	Servo amplifier	MR-J5-□G/MR-J5-□G-RJ/ MR-J5W2-□G/MR-J5W3-□G		CC-Link IE TSN	Programmable controller CPU+ Motion module	R□CPU/ R□ENCPU	RD78G□/ RD78GH□	●	–	–	–
							FX5U/ FX5UC	FX5-□SSC-G	●	–	–	–
						Programmable controller CPU+ CC-Link IE TSN Master/local module	R□CPU/ R□ENCPU/ R12CCPU-V	RJ71GN11-T2	●	–	–	–
			MR-J5D1-□G4/MR-J5D2-□G4/ MR-J5D3-□G4			Programmable controller CPU+ Motion module	R□CPU/ R□ENCPU	RD78G□/ RD78GH□	●	–	–	–
							FX5U/ FX5UC	FX5-□SSC-G	●	–	–	–
						Programmable controller CPU+ CC-Link IE TSN Master/local module	R□CPU/ R□ENCPU/ R12CCPU-V	RJ71GN11-T2	●	–	–	–
J5-CASE3	Ethernet	Servo amplifier	MR-J5-□G/MR-J5-□G-RJ		CC-Link IE Field Network Basic	Programmable controller CPU	R□CPU/R□ENCPU/ FX5U/FX5UC/ Q□UDVCPU/Q□UDPVCPU/ L□CPU(-P)/L26CPU-BT/L26CPU-PBT		●	–	–	–
						C Controller (MELSEC iQ-R Series)	R12CCPU-V		●	–	–	–
						Ethernet module (MELSEC iQ-F Series)	FX5-ENET		●	–	–	–
						MELIPC	MI5122-VW		●	–	–	–
			MR-J5D1-□G4			Programmable controller CPU	R□CPU/R□ENCPU/ FX5U/FX5UC/ Q□UDVCPU/Q□UDPVCPU/ L□CPU(-P)/L26CPU-BT/L26CPU-PBT		●	–	–	–
						C Controller (MELSEC iQ-R Series)	R12CCPU-V		●	–	–	–
						Ethernet module (MELSEC iQ-F Series)	FX5-ENET		●	–	–	–
						MELIPC	MI5122-VW		●	–	–	–
J5-CASE4	Ethernet	Programmable controller CPU+ Simple Motion module	R□CPU	RD77MS□	SSCNET III/H	Servo amplifier	MR-J5-□B/MR-J5-□B-RJ/ MR-J5W2-□B/ MR-J5W3-□B		●	●*3	●*4	–
			Q□CPU	QD77MS□					●	●*3	●*4	–
J5-CASE5	Ethernet	Programmable controller CPU+ Motion controller	R□CPU	R□MTCPU	SSCNET III/H	Servo amplifier	MR-J5-□B/MR-J5-□B-RJ/ MR-J5W2-□B/ MR-J5W3-□B		●	●*3	●*4	–
			Q□CPU	Q17□DSCPU					●	●*3	●*4	–
J5-CASE6	Ethernet	Programmable controller CPU+ CC-Link IE TSN module	R□CPU/ R□ENCPU/ R□SFCPU/ R12CCPU-V/ R102WCPU-W	RJ71GN11-T2	CC-Link IE TSN	Servo amplifier	MR-J5-□G/MR-J5-□G-RJ/ MR-J5W2-□G/MR-J5W3-□G/ MR-J5D1-□G4/MR-J5D2-□G4/ MR-J5D3-□G4		●	–	–	–
			R□CPU/ R□ENCPU	RJ71GN11-EIP					●	–	–	–

*3 The sample screen is set up based on a specific system configuration, such as the GOT being connected to a programmable controller CPU and the servo amplifier being controlled by a motion module. When using the sample screen, it is necessary to change the settings to match the actual system configuration. Please use the sample screen for GT27**-V (640×480).
*4 The dedicated screen differs depending on the system configuration and the servo amplifier. For details, please refer to the GOT2000 Series Connection Manual (Mitsubishi Electric Products) and the GOT2000 Series User's Manual (Monitor).

■GOT SoftGOT2000 (multi-channel connection) NEW

●: Supported —: Not supported

System Configuration								User-created screen	Sample screen	Dedicated screen	FA transparent function
CASE	Controllers connected directly to GOT and GT SoftGOT2000				Controller/Servo amplifier						
	Connection type	Name	Model type		Command interface	Name	Model type				
J4-CASE1	RS-422	Servo amplifier	MR-J4-□A/ MR-J4-□A-RJ		Pulse train (serial)	Programmable controller CPU+ Positioning module	MELSEC iQ-R Series Programmable controller CPU+ RD75D□, etc./ MELSEC iQ-F Series Programmable controller CPU (built-in positioning function)/ MELSEC iQ-F Series Programmable controller CPU+ FX5-20PG-P, etc./ MELSEC-Q Series Programmable controller CPU+ QD75D□/ MELSEC-L Series Programmable controller CPU+ LD75D□, etc./ MELSEC-F Series Programmable controller CPU (built-in positioning function)/ MELSEC-F Series Programmable controller CPU+ FX3U-1PG, etc.	—	—	—	—
J4-CASE2	Ethernet	Programmable controller CPU+ Simple motion module	R□CPU	RD77MS□	SSCNET III/H	Servo amplifier	MR-J4-□B/ MR-J4-□B-RJ/ MR-J4W2-□B/ MR-J4W3-□B	●	●*3	●*4	—
			FX5CPU	FX5-□SSC-S				●	—	●*4	—
			Q□CPU	QD77MS□				●	—	●*4	—
			L□CPU	LD77MS□				●	—	●*4	—
J4-CASE3	Ethernet	Programmable controller CPU+ Motion controller	R□CPU	R□MTCPU	SSCNET III/H	Servo amplifier	MR-J4-□B/ MR-J4-□B-RJ/ MR-J4W2-□B/ MR-J4W3-□B	●	●*3	●*4	—
			Q□CPU	Q17□DSCPU				●	—	●*4	—
			Q□CPU	Q170MSCPU				●	—	●*4	—
J4-CASE4	Ethernet	Programmable controller CPU+ CC-Link IE Field Network Simple Motion module	R□CPU	RD77GF□	CC-Link IE Field Network	Servo amplifier	MR-J4-□GF/ MR-J4-□GF-RJ	●	—	●*4	—
			Q□CPU	QD77GF□							
		Programmable controller CPU+ CC-Link IE Field Network Master/local module	R□CPU	RJ71GF11-T2				●	—	●*4	—
			Q□CPU	QJ71GF11-T2							
			L□CPU	LJ71GF11-T2							
		CC-Link IE built-in CPU module	R□ENCPU					●	—	●*4	—
		Programmable controller CPU+ CC-Link IE built-in Ethernet module	R□CPU	RJ71EN71				●	—	●*4	—

*3 The sample screen is set up based on a specific system configuration, such as the GOT being connected to a programmable controller CPU and the servo amplifier being controlled by a motion module. When using the sample screen, it is necessary to change the settings to match the actual system configuration. Please use the sample screen for GT27**-V (640×480).

*4 The dedicated screen differs depending on the system configuration and the servo amplifier. For details, please refer to the GOT2000 Series Connection Manual (Mitsubishi Electric Products) and the GOT2000 Series User's Manual (Monitor).

Notes on sample screens
Depending on your system configuration (P.5-) and servo amplifier, there are cases where the sample screens may not be supported. In such cases, please refer to "User-created screen" on page 45. The sample screens are updated as necessary. The actual sample screens may be different from those in this catalog, and some function screens are not listed. If you wish to obtain the latest sample data, please contact your local sales office.

■GOT SoftGOT2000 (multi-channel connection) NEW

●: Supported —: Not supported

System Configuration									User-created screen	Sample screen	Dedicated screen	FA transparent function
CASE	Controllers connected directly to GT SoftGOT2000				Controller/Servo amplifier							
	Connection type	Name	Model type		Command interface	Name	Model type					
JET-CASE1	Ethernet	Programmable controller CPU+ Motion module	R□CPU/ R□ENCPU	RD78G□/ RD78GH□	CC-Link IE TSN	Servo amplifier	MR-JET-□G		●	—	●*4	—
			FX5U/ FX5UC	FX5-□SSC-S					●	—	●*4	—
			R12CCPU-V	RD78G□/ RD78GH□					●	—	—	—
JET-CASE2	Ethernet	Servo amplifier	MR-JET-□G		CC-Link IE TSN	Programmable controller CPU+ Motion module	R□CPU/ R□ENCPU	RD78G□/ RD78GH□	●	●*5	—	—
							FX5U/ FX5UC	FX5-□SSC-G	●	●*5	—	—
						Programmable controller CPU+ CC-Link IE TSN Master/local module	R□CPU/ R□ENCPU/ R12CCPU-V	RJ71GN11-T2	●	●*5	—	—
JET-CASE3	Ethernet	Servo amplifier	MR-JET-□G		CC-Link IE Field Network Basic	Programmable controller CPU	R□CPU/R□ENCPU/ FX5U/FX5UC/ Q□UDVCPU/Q□UDPVCPU/ L□CPU(-P)/L26CPU-BT/L26CPU-PBT		●	●*5	—	—
						C Controller (MELSEC iQ-R Series)	R12CCPU-V		●	●*5	—	—
						Ethernet module (MELSEC iQ-F Series)	FX5-ENET		●	●*5	—	—
						MELIPC	MI5122-VW		●	●*5	—	—
JET-CASE4	Ethernet	Programmable controller CPU+ CC-Link IE TSN module	R□CPU/ R□ENCPU/ R□SFCPU/ R12CCPU-V/ R102WCPU-W	RJ71GN11-T2	CC-Link IE TSN	Servo amplifier	MR-JET-□G		●	—	—	—
			R□CPU/ R□ENCPU	RJ71GN11-EIP					●	—	—	—
JE-CASE1	RS-422	Servo amplifier	MR-JE-□A		Pulse train (serial)	Programmable controller CPU+ Positioning module	MELSEC iQ-R Series Programmable controller CPU+ RD75D□, etc./ MELSEC iQ-F Series Programmable controller CPU (built-in positioning function)/ MELSEC iQ-F Series Programmable controller CPU+ FX5-20PG-P, etc./ MELSEC-Q Series Programmable controller CPU+ QD75D□/ MELSEC-L Series Programmable controller CPU+ LD75D□, etc./ MELSEC-F Series Programmable controller CPU (built-in positioning function)/ MELSEC-F Series Programmable controller CPU+ FX3U-1PG, etc.		—	—	—	—
JE-CASE2	Ethernet	Programmable controller CPU+ Simple Motion module	R□CPU	RD77MS□	SSCNET III/H	Servo amplifier	MR-JE-□B		●	—	●*4	—
			FX5CPU	FX5-□SSC-S					●	—	●*4	—
			Q□CPU	QD77MS□					●	—	●*4	—
			L□CPU	LD77MS□					●	—	●*4	—
JE-CASE3	Ethernet	Servo amplifier	MR-JE-□C		Pulse train (serial)	Programmable controller CPU+ Positioning module	MELSEC iQ-R Series Programmable controller CPU+ RD75D□, etc./ MELSEC iQ-F Series Programmable controller CPU (built-in positioning function)/ MELSEC iQ-F Series Programmable controller CPU+ FX5-20PG-P, etc./ MELSEC-Q Series Programmable controller CPU+ QD75D□/ MELSEC-L Series Programmable controller CPU+ LD75D□, etc./ MELSEC-F Series Programmable controller CPU (built-in positioning function)/ MELSEC-F Series Programmable controller CPU+ FX3U-1PG, etc.		—	—	—	—

*4 The dedicated screen differs depending on the system configuration and the servo amplifier. For details, please refer to the GOT2000 Series Connection Manual (Mitsubishi Electric Products) and the GOT2000 Series User's Manual (Monitor).

*5 The sample screen is set up based on a specific system configuration, such as the GOT being connected to a programmable controller CPU and the servo amplifier being controlled by a motion module. When using the sample screen, it is necessary to change the settings to match the actual system configuration. Please use the sample screen for GS21**-W-N (800×480).

Interactive functions list

Supported drive control interactive functions differ depending on GOT models. Please check the following list for the compatibility status of each model.

■GT27/GT25

●: Supported —: Not supported

No.	Process	Application scenario	Function name	Page	User-created screen	Sample screen*1	Dedicated function
1	Startup, adjustment	Parameter setting	Basic setting parameters	P.26	●	●	—
2			Gain/filter parameters	P.26	●	●	—
3			Extension setting 1 parameters	P.26	●	●	—
4			Extension setting 2 parameters	P.26	●	●	—
5			Extension setting 3 parameters	P.26	●	●	—
6			I/O setting parameters	P.26	●	●	—
7			Linear servo/DD motor setting	P.26	●	●	—
8			Motor extension setting	P.26	●	●	—
9			Network setting	P.26	●	●	—
10			Option setting	P.26	●	●	—
11			Positioning control	P.26	●	●	—
12			Positioning extension setting	P.26	●	●	—
13			Point table	P.26	●	●	—
14		Test operation	JOG operation	P.28	●	●	—
15			Positioning operation	P.28	●	●	—
16			Motor-less operation	P.28	●	●	—
17			Output signal (DO) forced output	P.28	●	●	—
18		Adjustment	One-touch tuning function	P.29	●	●	—
19			Tuning function	P.30	●	●	—
20			Servo amplifier graph function (startup, adjustment)	P.31	—	—	●
21			FA transparent function	P.31	—	—	●
22	Maintenance	Troubleshooting	System launcher (servo network) function	P.32	—	—	●
23			Drive recorder function	P.33	—	—	●
24			Servo amplifier data analysis	P.33	—	—	●
25			Servo amplifier graph function (maintenance)	P.34	—	—	●
26			Backup/Restoration function	P.34	—	—	●
27			Monitor function	P.35	●	●	—
28			R motion monitor function	P.36	—	—	●
29			Q motion monitor function	P.36	—	—	●
30			R Motion SFC monitor function	P.36	—	—	●
31			Q motion SFC monitor function	P.36	—	—	●
32			Motion program editor function	P.37	—	—	●
33			Servo amplifier monitor function	P.37	●	●	●
34			Intelligent module monitor function	P.38	—	—	●
35			Alarm display function	P.38	●	●	—
36			Encoder communication circuit diagnosis	P.39	●	●	—
37		Predictive maintenance	Machine diagnosis (friction estimation, vibration estimation)	P.39	●	●	—
38			Machine diagnosis (tension estimation) screen	P.40	●	●	—
39			Machine diagnosis (total travel distance)	P.40	●	●	—
40			Gear Failure Diagnosis	P.41	●	●	—
41			Machine diagnosis function	P.42	●	●	—
42			Monitoring device values of machine failure prediction function	P.43	●	●	—
43			Servo amplifier life diagnosis function	P.44	●	●	—
44			Switching axis numbers (station numbers) of servo amplifiers	P.44	●	●	—

*1 The sample screen assumes a specific system configuration, such as when GOT is connected to a programmable controller CPU and the servo amplifier controlled by a motion module. When using the sample screen, you need to change the settings to match your system configuration.

Notes on sample screens
Depending on your system configuration (P.5-) and servo amplifier, there are cases where the sample screens may not be supported. In such cases, please refer to "User-created screen" on page 45. The sample screens are updated as necessary. The actual sample screens may be different from those in this catalog, and some function screens are not listed. If you wish to obtain the latest sample data, please contact your local sales office.

■GT21

●: Supported —: Not supported

No.	Process	Application scenario	Function name	Page	User-created screen	Sample screen*1	Dedicated function
1	Startup, adjustment	Parameter setting	Basic setting parameters	P.26	●	●	—
2			Gain/filter parameters	P.26	●	●	—
3			Extension setting 1 parameters	P.26	●	●	—
4			Extension setting 2 parameters	P.26	●	●	—
5			Extension setting 3 parameters	P.26	●	●	—
6			I/O setting parameters	P.26	●	●	—
7			Linear servo/DD motor setting	P.26	●	●	—
8			Motor extension setting	P.26	●	—	—
9			Network setting	P.26	●	●	—
10			Option setting	P.26	●	●	—
11			Positioning control	P.26	●	●	—
12			Positioning extension setting	P.26	●	●	—
13			Point table	P.26	●	●	—
14		Test operation	JOG operation	P.28	●	●	—
15			Positioning operation	P.28	●	●	—
16			Motor-less operation	P.28	●	—	—
17			Output signal (DO) forced output	P.28	●	●	—
18		Adjustment	One-touch tuning function	P.29	●	●	—
19			Tuning function	P.30	●	●	—
20			Servo amplifier graph function (startup, adjustment)	P.31	—	—	—
21			FA transparent function	P.31	—	—	●
22	Maintenance	Troubleshooting	System launcher (servo network) function	P.32	—	—	—
23			Drive recorder function	P.33	—	—	—
24			Servo amplifier data analysis	P.33	—	—	—
25			Servo amplifier graph function (maintenance)	P.34	—	—	—
26			Backup/Restoration function	P.34	—	—	—
27			Monitor function	P.35	●	●	—
28			R motion monitor function	P.36	—	—	—
29			Q motion monitor function	P.36	—	—	—
30			R Motion SFC monitor function	P.36	—	—	—
31			Q motion SFC monitor function	P.36	—	—	—
32			Motion program editor function	P.37	—	—	—
33			Servo amplifier monitor function	P.37	●	●	—
34			Intelligent module monitor function	P.38	—	—	—
35			Alarm display function	P.38	●	●	—
36			Encoder communication circuit diagnosis	P.39	●	—	—
37		Predictive maintenance	Machine diagnosis (friction estimation, vibration estimation)	P.39	●	●	—
38			Machine diagnosis (tension estimation) screen	P.40	●	—	—
39			Machine diagnosis (total travel distance)	P.40	●	—	—
40			Gear Failure Diagnosis	P.41	●	—	—
41			Machine diagnosis function	P.42	●	●	—
42			Monitoring device values of machine failure prediction function	P.43	●	—	—
43			Servo amplifier life diagnosis function	P.44	●	●	—
44			Switching axis numbers (station numbers) of servo amplifiers	P.44	●	●	—

*1 The sample screen assumes a specific system configuration, such as when GOT is connected to a programmable controller CPU and the servo amplifier controlled by a motion module. When using the sample screen, you need to change the settings to match your system configuration.

■GOT SoftGOT2000 (single-channel connection)

●: Supported —: Not supported

No.	Process	Application scenario	Function name	Page	User-created screen	Sample screen*1	Dedicated function
1	Startup, adjustment	Parameter setting	Basic setting parameters	P.26	●	—	—
2			Gain/filter parameters	P.26	●	—	—
3			Extension setting 1 parameters	P.26	●	—	—
4			Extension setting 2 parameters	P.26	●	—	—
5			Extension setting 3 parameters	P.26	●	—	—
6			I/O setting parameters	P.26	●	—	—
7			Linear servo/DD motor setting	P.26	●	—	—
8			Motor extension setting	P.26	—	—	—
9			Network setting	P.26	—	—	—
10			Option setting	P.26	—	—	—
11			Positioning control	P.26	—	—	—
12			Positioning extension setting	P.26	—	—	—
13			Point table	P.26	—	—	—
14		Test operation	JOG operation	P.28	●	—	—
15			Positioning operation	P.28	●	—	—
16			Motor-less operation	P.28	●	—	—
17			Output signal (DO) forced output	P.28	●	—	—
18		Adjustment	One-touch tuning function	P.29	●	—	—
19			Tuning function	P.30	●	—	—
20			Servo amplifier graph function (startup, adjustment)	P.31	—	—	—
21			FA transparent function	P.31	—	—	—
22	Maintenance	Troubleshooting	System launcher (servo network) function	P.32	—	—	—
23			Drive recorder function	P.33	—	—	—
24			Servo amplifier data analysis	P.33	—	—	—
25			Servo amplifier graph function (maintenance)	P.34	—	—	—
26			Backup/Restoration function	P.34	—	—	—
27			Monitor function	P.35	●	—	—
28			R motion monitor function	P.36	—	—	—
29			Q motion monitor function	P.36	—	—	—
30			R motion SFC monitor function	P.36	—	—	—
31			Q motion SFC monitor function	P.36	—	—	—
32			Motion program editor function	P.37	—	—	—
33			Servo amplifier monitor function	P.37	—	—	—
34			Intelligent module monitor function	P.38	—	—	—
35			Alarm display function	P.38	●	—	—
36			Encoder communication circuit diagnosis	P.39	—	—	—
37		Predictive maintenance	Machine diagnosis (friction estimation, vibration estimation)	P.39	—	—	—
38			Machine diagnosis (tension estimation) screen	P.40	—	—	—
39			Machine diagnosis (total travel distance)	P.40	—	—	—
40			Gear Failure Diagnosis	P.41	—	—	—
41			Machine diagnosis function	P.42	●	—	—
42			Monitoring device values of machine failure prediction function	P.43	—	—	—
43			Servo amplifier life diagnosis function	P.44	●	—	—
44			Switching axis numbers (station numbers) of servo amplifiers	P.44	●	—	—

*1 The sample screen assumes a specific system configuration, such as when GOT is connected to a programmable controller CPU and the servo amplifier controlled by a motion module. When using the sample screen, you need to change the settings to match your system configuration.

Notes on sample screens
Depending on your system configuration (P.5-) and servo amplifier, there are cases where the sample screens may not be supported. In such cases, please refer to "User-created screen" on page 45. The sample screens are updated as necessary. The actual sample screens may be different from those in this catalog, and some function screens are not listed. If you wish to obtain the latest sample data, please contact your local sales office.

■GOT SoftGOT2000 (multi-channel connection) NEW

●: Supported —: Not supported

No.	Process	Application scenario	Function name	Page	User-created screen	Sample screen*1	Dedicated function
1	Startup, adjustment	Parameter setting	Basic setting parameters	P.26	●	●	—
2			Gain/filter parameters	P.26	●	●	—
3			Extension setting 1 parameters	P.26	●	●	—
4			Extension setting 2 parameters	P.26	●	●	—
5			Extension setting 3 parameters	P.26	●	●	—
6			I/O setting parameters	P.26	●	●	—
7			Linear servo/DD motor setting	P.26	●	●	—
8			Motor extension setting	P.26	●	●	—
9			Network setting	P.26	●	●	—
10			Option setting	P.26	●	●	—
11			Positioning control	P.26	●	●	—
12			Positioning extension setting	P.26	●	●	—
13			Point table	P.26	●	●	—
14		Test operation	JOG operation	P.28	●	●	—
15			Positioning operation	P.28	●	●	—
16			Motor-less operation	P.28	●	●	—
17			Output signal (DO) forced output	P.28	●	●	—
18		Adjustment	One-touch tuning function	P.29	●	●	—
19			Tuning function	P.30	●	●	—
20			Servo amplifier graph function (startup, adjustment)	P.31	—	—	●
21			FA transparent function	P.31	—	—	—
22	Maintenance	Troubleshooting	System launcher (servo network) function	P.32	—	—	●
23			Drive recorder function	P.33	—	—	●
24			Servo amplifier data analysis	P.33	—	—	●
25			Servo amplifier graph function (maintenance)	P.34	—	—	●
26			Backup/Restoration function	P.34	—	—	●
27			Monitor function	P.35	●	●	—
28			R motion monitor function	P.36	—	—	—
29			Q motion monitor function	P.36	—	—	—
30			R motion SFC monitor function	P.36	—	—	—
31			Q motion SFC monitor function	P.36	—	—	—
32			Motion program editor function	P.37	—	—	—
33			Servo amplifier monitor function	P.37	—	—	—
34			Intelligent module monitor function	P.38	—	—	—
35			Alarm display function	P.38	●	●	—
36			Encoder communication circuit diagnosis	P.39	●	●	—
37		Predictive maintenance	Machine diagnosis (friction estimation, vibration estimation)	P.39	●	●	—
38			Machine diagnosis (tension estimation) screen	P.40	●	●	—
39			Machine diagnosis (total travel distance)	P.40	●	●	—
40			Gear Failure Diagnosis	P.41	●	●	—
41			Machine diagnosis function	P.42	●	●	—
42			Monitoring device values of machine failure prediction function	P.43	●	●	—
43			Servo amplifier life diagnosis function	P.44	●	●	—
44			Switching axis numbers (station numbers) of servo amplifiers	P.44	●	●	—

*1 The sample screen assumes a specific system configuration, such as when GOT is connected to a programmable controller CPU and the servo amplifier controlled by a motion module. When using the sample screen, you need to change the settings to match your system configuration.

Key Feature 01

MR-J5 MR-J4 MR-JET MR-JE

GT27 GT25 GT21 SoftGOT (Single-ch)* SoftGOT (Multi-ch)

* Supported by MR-J4-☐B(-RJ), MR-J4W2-☐B, MR-J4W3-☐B, MR-JE-☐B only. See page 16 for details.

Parameter setting

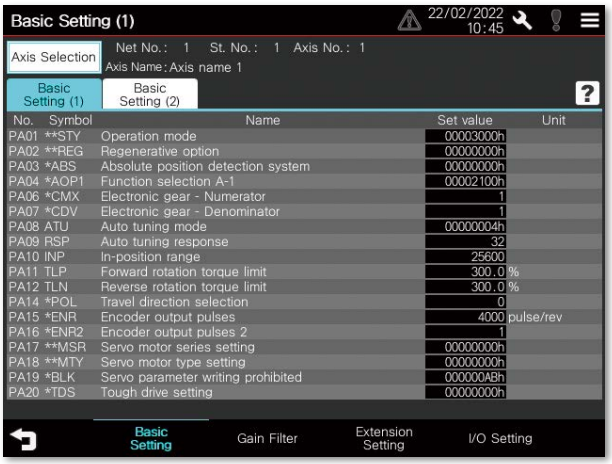
Sample screen | End user | OEM | Easy startup

The screens can be used to display and set the values of various parameters in the servo amplifier

Servo amplifier parameters and point table values can be displayed and set with GOT and SoftGOT2000.

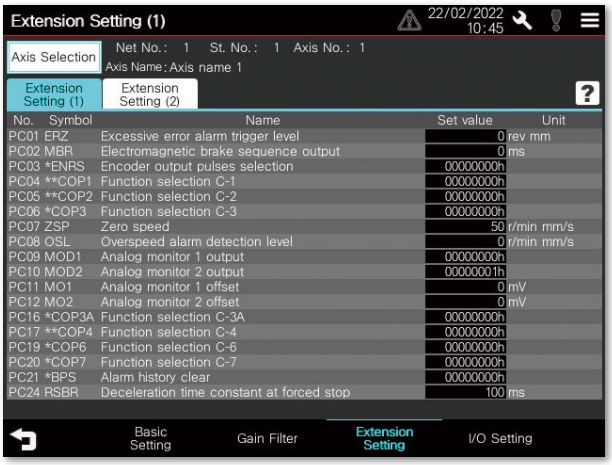
■Sample screens

Basic setting parameters screen

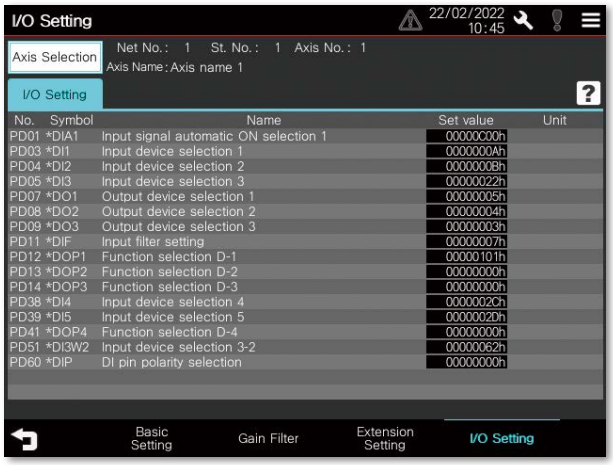


Gain/filter parameters screen

Extension setting parameters screen

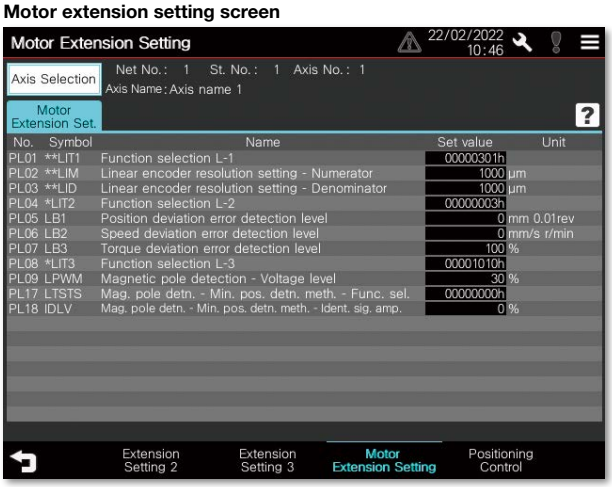


I/O setting parameters screen

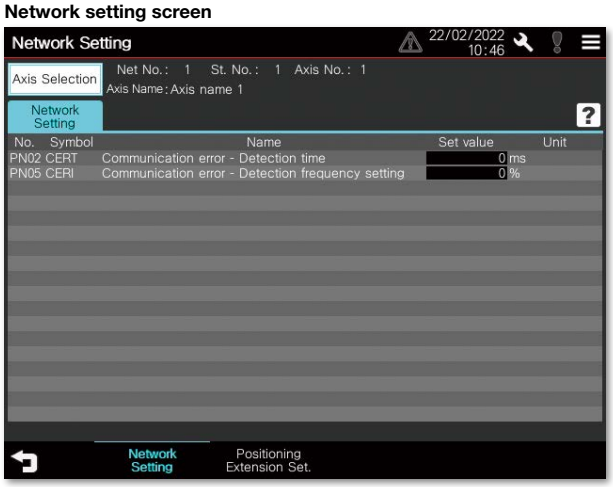


* All of the above images are the connection sample screens of MR-J5-☐G.

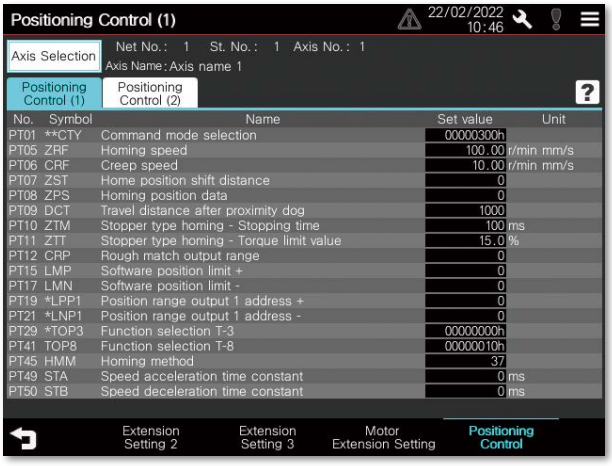
Motor extension setting screen



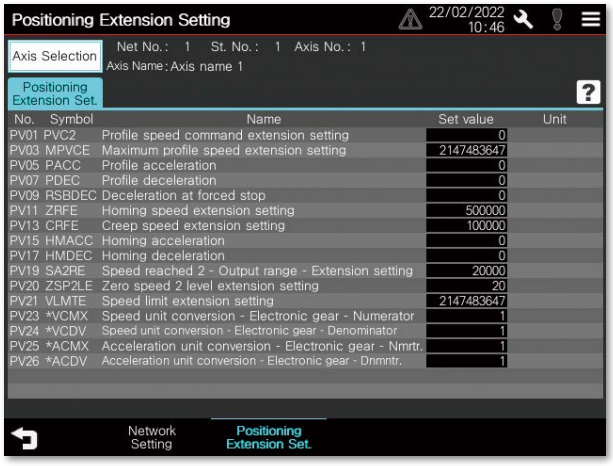
Network setting screen



Positioning control screen



Positioning extension setting screen



* All of the above images are the connection sample screens of MR-J5-☐G.

●: Supported —: Not supported

No.	Function	MR-J5-☐G(-RJ) MR-J5W2-☐G MR-J5W3-☐G	MR-J5D1-☐G4 MR-J5D2-☐G4 MR-J5D3-☐G4	MR-J5-☐B(-RJ) MR-J5W2-☐B MR-J5W3-☐B	MR-J4-☐B(-RJ) MR-J4W2-☐B MR-J4W3-☐B	MR-J4-☐A	MR-J4-☐A-RJ	MR-J4-☐GF(-RJ)	MR-JET-☐G	MR-JE-☐B	MR-JE-☐A	MR-JE-☐C
1	Basic setting servo parameters [Pr. PA_ _]	●	●	●	●	●	●	●	●	●	●	●
2	Gain/filter setting servo parameters [Pr. PB_ _]	●	●	●	●	●	●	●	●	●	●	●
3	Extension setting [Pr. PC_ _]	●	●	●	●	●	●	●	●	●	●	●
4	I/O setting [Pr. PD_ _]	●	●	●	●	●	●	●	●	●	●	●
5	Extension setting 2 [Pr. PE_ _]	●	●	●	●	●	●	●	●	●	●	●
6	Extension setting 3 [Pr. PF_ _]	●	●	●	●	●	●	●	●	●	●	●
7	Motor extension setting [Pr. PL_ _] NEW	●	●	●	—	—	—	—	●	—	—	—
8	Linear servo motor/DD motor setting [Pr. PL_ _]	—	—	—	●	●	●	●	—	—	—	—
9	Network setting [Pr. PN_ _]	●	●	—	—	—	—	●	●	—	—	●
10	Option setting [Pr. PO_ _]	●	●	—	—	—	●	—	●	—	—	—
11	Positioning control setting [Pr. PT_ _]	●	●	—	—	—	●	●	●	—	—	●
12	Positioning extension setting [Pr. PV_ _] NEW	●	●	—	—	—	—	—	●	—	—	—
13	Point table	●	●	—	—	—	●	—	●	—	—	—

Key Feature 02

MR-J5 MR-J4 MR-JET MR-JE

GT27 GT25 GT21 SoftGOT (Single-ch)* SoftGOT (Multi-ch)

* Supported by MR-J4-☐B(-RJ), MR-J4W2-☐B, MR-J4W3-☐B, MR-JE-☐B only. See page 16 for details.

Test operation

Sample screen | End user | OEM | Easy startup

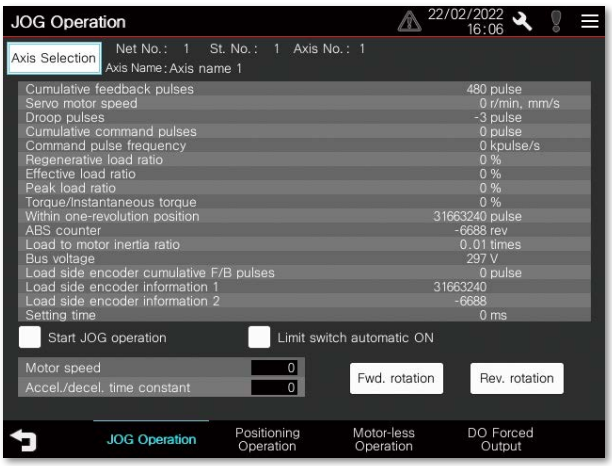
Check the equipment on the on-site GOT before going into full-scale operation

Without the need to set up a PC, you can confirm if the servo amplifier is working correctly before full-scale operation by checking on the on-site GOT.

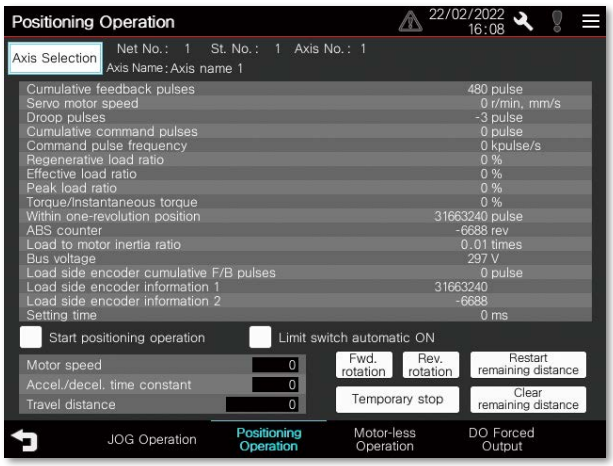
■Sample screens

With the sample screens, you can perform test operations equivalent to those performed with MR Configurator2, such as JOG operation, positioning operation, and output signal forced output.

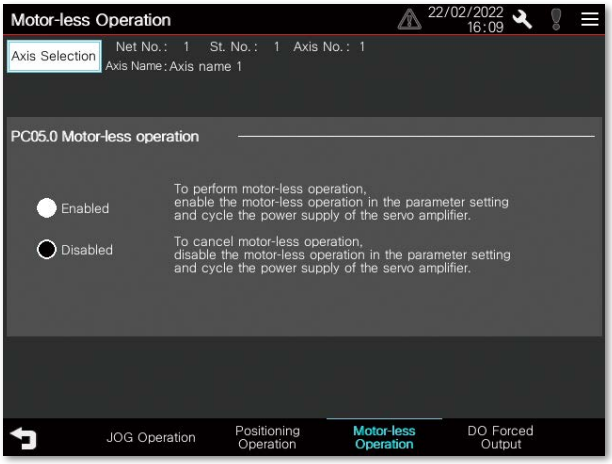
JOG operation screen



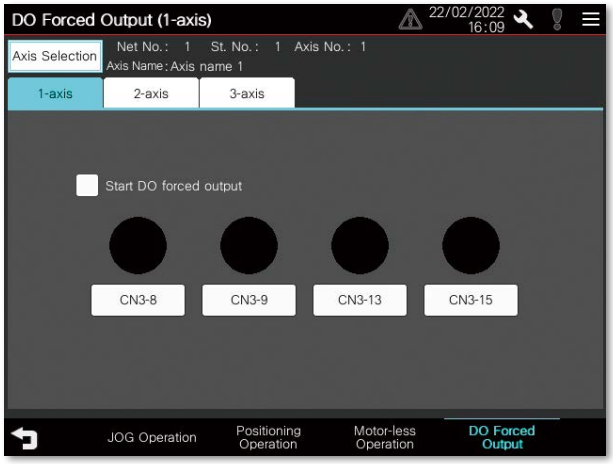
Positioning operation screen



Motor-less operation



Output signal (DO) forced output screen



* All of the above images are the connection sample screens of MR-J5-☐G.

●: Supported —: Not supported

No.	Function	MR-J5-☐G(-RJ) MR-J5W2-☐G MR-J5W3-☐G	MR-J5D1-☐G4 MR-J5D2-☐G4 MR-J5D3-☐G4	MR-J5-☐B(-RJ) MR-J5W2-☐B MR-J5W3-☐B	MR-J4-☐B(-RJ) MR-J4W2-☐B MR-J4W3-☐B	MR-J4-☐A	MR-J4-☐A-RJ	MR-J4-☐GF(-RJ)	MR-JET-☐G	MR-JE-☐B	MR-JE-☐A	MR-JE-☐C
1	JOG operation	●	●	●	●	●	●	●	●	●	●	●
2	Positioning operation	●	●	●	●	●	●	●	●	●	●	●
3	Motor-less operation	●	●	●	●	●	●	●	●	●	●	●
4	Output signal (DO) forced output	●	●	●	●	●	●	●	●	●	●	●
5	Single-step feed	●	●	—	—	—	●	—	●	—	—	—

One-touch tuning function

Sample screen OEM Easy startup

Easily adjust servos on the on-site GOT

Challenges

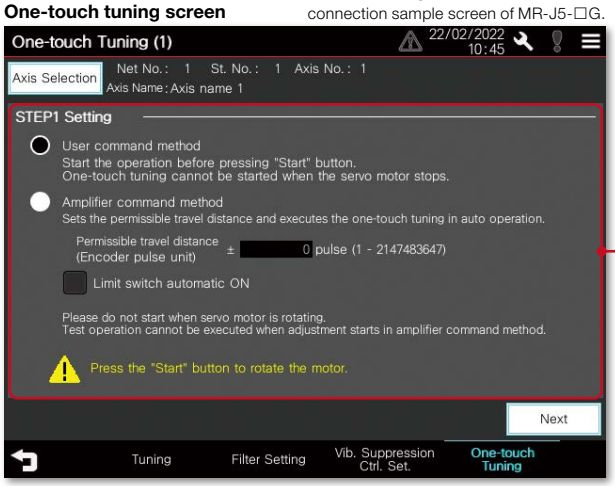
I need a PC to adjust the servo!
How can I adjust the servo amplifier without a PC?

Solutions

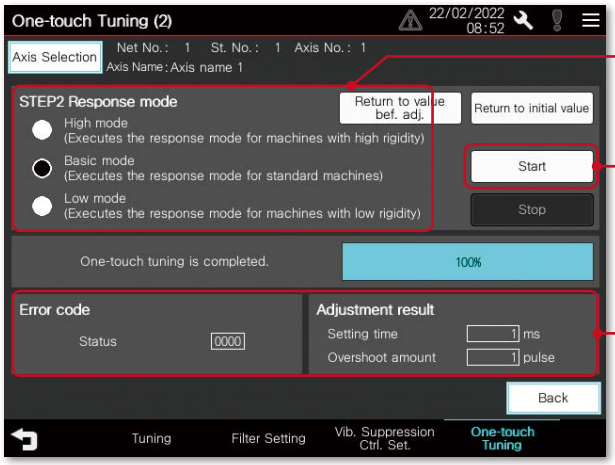
Adjusting servos, which is challenging without experience, can be done in three steps using the on-site GOT. You can adjust the servos automatically by selecting from three response modes.

One-touch tuning screen

* The screen image shown is the connection sample screen of MR-J5-□G.



STEP1 : Select a command method



STEP2 : Select a response mode

STEP3 : Start adjustment

Adjustment results are shown

●: Supported —: Not supported

No.	Function	MR-J5-□G(-RJ) MR-J5W2-□G MR-J5W3-□G	MR-J5D1-□G4 MR-J5D2-□G4 MR-J5D3-□G4	MR-J5-□B(-RJ) MR-J5W2-□B MR-J5W3-□B	MR-J4-□B(-RJ) MR-J4W2-□B MR-J4W3-□B	MR-J4-□A(-RJ)	MR-J4-□GF(-RJ)	MR-JET-□G	MR-JE-□B	MR-JE-□A	MR-JE-□C
1	One-touch tuning function	●	●	●	●	●	●	●	●	●	●

Key Feature 04

MR-J5 MR-J4 MR-JET MR-JE

GT27 GT25 GT21 SoftGOT (Single-ch)* SoftGOT (Multi-ch)

* Supported by MR-J4-☐B(-RJ), MR-J4W2-☐B, MR-J4W3-☐B, MR-JE-☐B only. See page 16 for details.

Tuning function

Sample screen OEM Easy startup

Adjust gains on the on-site GOT

Challenges

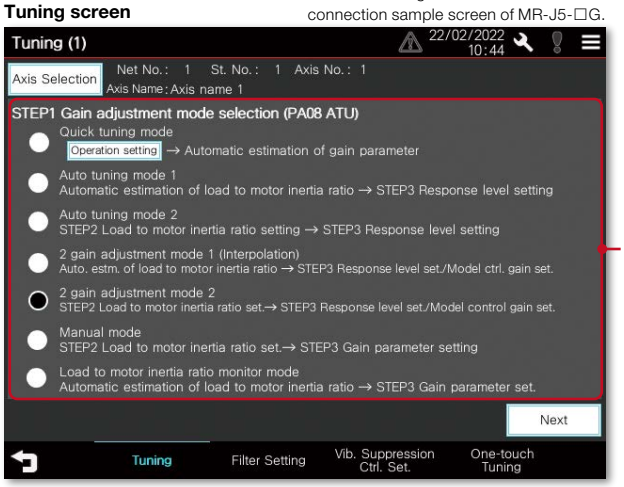
It's bothersome to connect a PC every time I adjust a gain.

Solutions

GOT can be used to adjust gains. The gain adjustment method can be selected according to the situation of the device to be started. Even after adjustment, you can manually adjust the gain parameters, response level setting, overshoot amount compensation, and so on. You can also set the filter to suppress the machine resonance of the device.

Tuning screen

* The screen image is the connection sample screen of MR-J5-☐G.



STEP1 : Select an adjustment mode

STEP2 : Set the load to motor inertia ratio

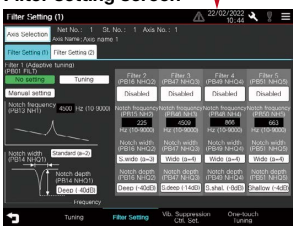
* Depending on the adjustment mode selected in STEP1, there is no need to set it.

STEP3 : Set the response level, gain parameters, and overshoot amount compensation.

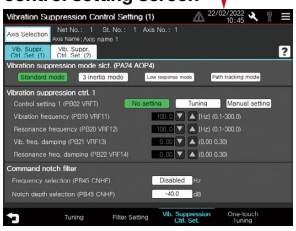
* Depending on the adjustment mode selected in STEP1, there is no need to set it.

Adjustment starts once the servo amplifier is in the operating state.

Filter setting screen



Vibration suppression control setting screen



Filters can be set to suppress the machine resonance

●: Supported —: Not supported

No.	Function	MR-J5-☐G(-RJ) MR-J5W2-☐G MR-J5W3-☐G	MR-J5D1-☐G4 MR-J5D2-☐G4 MR-J5D3-☐G4	MR-J5-☐B(-RJ) MR-J5W2-☐B MR-J5W3-☐B	MR-J4-☐B(-RJ) MR-J4W2-☐B MR-J4W3-☐B	MR-J4-☐A(-RJ)	MR-J4-☐GF(-RJ)	MR-JET-☐G	MR-JE-☐B	MR-JE-☐A	MR-JE-☐C
1	**Tuning function**	●	●	●	●	●	●	●	●	●	●

Key Feature 05

MR-J5 MR-J4 MR-JET MR-JE

GT27 GT25 GT21 SoftGOT (Single-ch) SoftGOT (Multi-ch)

Servo amplifier graph function (startup, adjustment)

Dedicated screen | End user | OEM | Easy startup

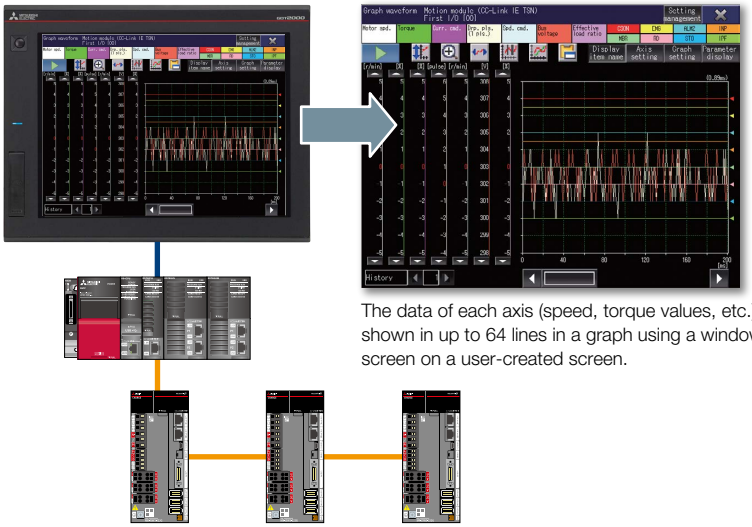
Check the result of the gains adjusted on the on-site GOT in a graph waveform

Challenges

Can I check the waveform data on the GOT without connecting to a PC?

Solutions

The servo amplifier graph function visualizes the operational changes of the equipment associated with gain adjustment. Without a PC, you can start up the equipment while checking the gain adjustment results and parameter information, thereby enhancing work efficiency.



Servo amplifier graph waveform

The data of each axis (speed, torque values, etc.) are shown in up to 64 lines in a graph using a window screen on a user-created screen.

Key Feature 06

MR-J4

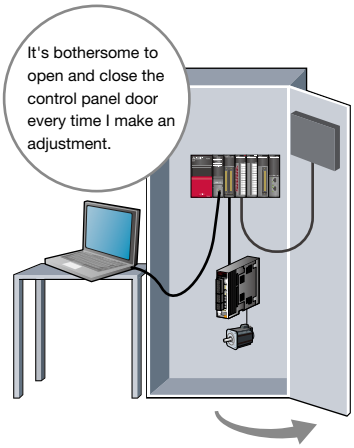
GT27 GT25 GT21 SoftGOT (Single-ch) SoftGOT (Multi-ch)

FA transparent function

End user | OEM | Maintenance | Easy startup

Parameters and operating condition can be checked without opening the control panel

Challenges



Is it possible to debug programs without opening the control panel?

Solutions

By connecting a PC to a GOT, you can use the GOT as a transparent gateway to enable programming, startup, and adjustment of servo amplifiers and PLCs.
You do not have to bother with opening the control panel door or changing cable connections.

* GT21 cannot be used to access or transfer data to Mitsubishi Electric servo amplifiers.

<Compatible software>
- ●MELSOFT MR Configurator2
- ●MELSOFT MT Works2
- ●MELSOFT GX Works3
- ●MELSOFT GX Works2
- ●MELSOFT GX Configurator-QP, etc.

* There are more compatible software applications. For details, please refer to the manual.

●: Supported —: Not supported

No.	Function	MR-J5-□G(-RJ) MR-J5W2-□G MR-J5W3-□G	MR-J5D1-□G4 MR-J5D2-□G4 MR-J5D3-□G4	MR-J5-□B(-RJ) MR-J5W2-□B MR-J5W3-□B	MR-J4-□B(-RJ) MR-J4W2-□B MR-J4W3-□B	MR-J4-□A(-RJ)	MR-J4-□GF(-RJ)	MR-JET-□G	MR-JE-□B	MR-JE-□A	MR-JE-□C
1	Servo amplifier graph function	●	●	—	●	—	—	●	●	—	—
2	FA transparent function	—	—	—	●	—	—	—	—	—	—

Key Feature 07

MR-J5 MR-J4 MR-JET MR-JE

GT27 GT25 GT21 SoftGOT (Single-ch) SoftGOT (Multi-ch)

System launcher (servo network) function

Dedicated screen | End user | OEM | Maintenance | Trouble-shooting

Visually check the status of the servo system on the on-site GOT screen

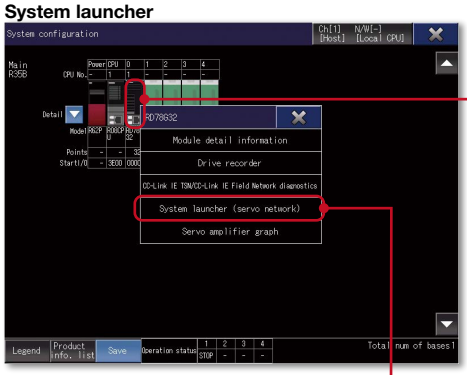
Challenges

In case of a system failure, is there a simple and quick way to check where the problem occurred?

Solutions

GOT automatically generates the servo system configuration diagram, allowing you to visually check the status of the system. By selecting the servo amplifier in the system configuration diagram, you can easily check the alarm, device information, and system status.

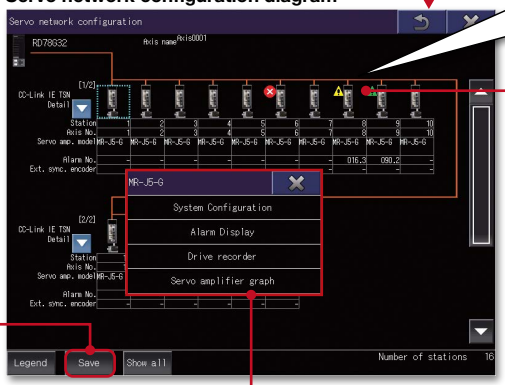
System launcher



Select Motion CPU, Simple Motion module, or Motion module

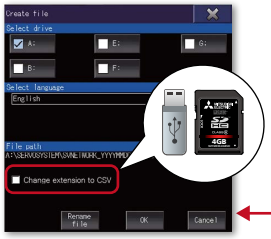
Select system launcher (servo network) from the function list

Servo network configuration diagram

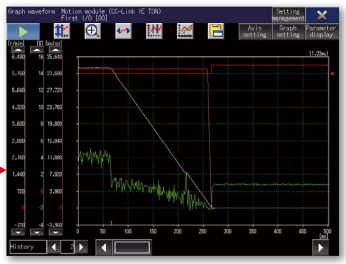


Where the error occurred is visible and easy to check

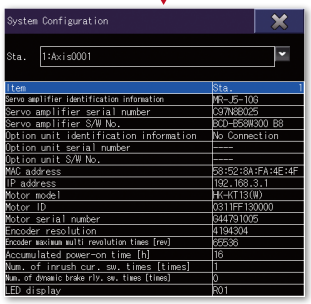
Select servo amplifier



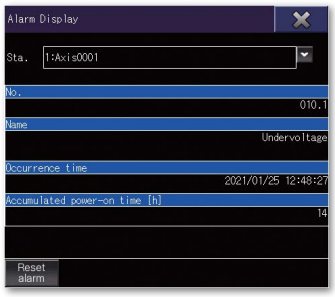
Output the servo network configuration information to a text/CSV file and send it by e-mail. You can check it at a remote location.



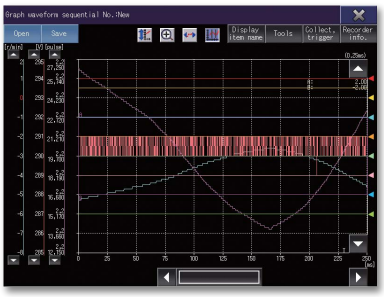
Servo amplifier graph waveform
Displays the waveform data of a servo amplifier that is useful for analysis.



System configuration display
Displays the model and the serial number of servo amplifiers or motors.



Alarm display
Displays currently occurring errors in the servo amplifier.



Drive recorder graph waveform
Displays waveform data from the drive recorder information screen that is useful for analysis.

* To use this function, open the [Common] > [GOT Setup] > [Advanced Setting] > [System Launcher] menu and check the [Update the setting of system launcher function], and also check the [Display the servo network configuration] in Controller System Launcher Function Setting.

●: Supported —: Not supported

No.	Function	MR-J5-□G(-RJ) MR-J5W2-□G MR-J5W3-□G	MR-J5D1-□G4 MR-J5D2-□G4 MR-J5D3-□G4	MR-J5-□B(-RJ) MR-J5W2-□B MR-J5W3-□B	MR-J4-□B(-RJ) MR-J4W2-□B MR-J4W3-□B	MR-J4-□A(-RJ)	MR-J4-□GF(-RJ)	MR-JET-□G	MR-JE-□B	MR-JE-□A	MR-JE-□C
1	System launcher (servo network) function	●	●	–	●	–	–	●	●	–	–

Key Feature 08

MR-J5 MR-J4 MR-JET MR-JE

GT27 GT25 GT21 SoftGOT (Single-ch) SoftGOT (Multi-ch)

Drive recorder function

Dedicated screen | End user | OEM | Trouble-shooting

Check the servo data at the time of alarm occurrence in a waveform list on the on-site GOT

Challenges

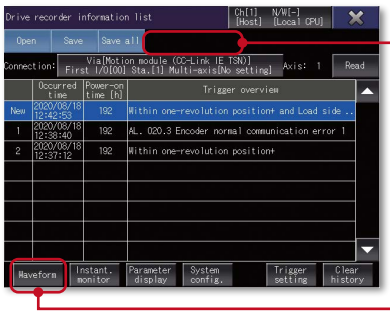
I cannot investigate the cause of the problem without a PC. I need to hurry.

In case of a system failure, is there a simple and quick way to check the problem cause?

Solutions

Servo alarm data such as motor current and position command can be read from the servo amplifier and checked in a waveform or a list format. Without a PC, you can use the on-site GOT to check the status when an alarm occurs, and respond quickly to issues.

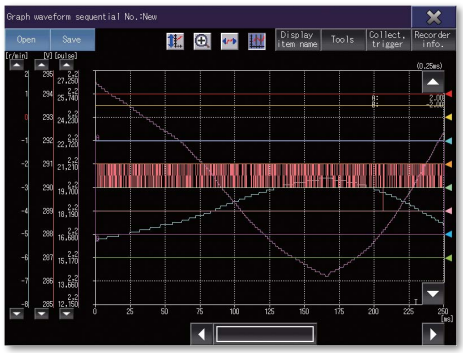
Drive recorder information list screen



The axis label name is displayed when it is set.

Display the waveform data that was collected at the occurrence of a servo alarm in a window screen.

Graph waveform screen



Key Feature 09

MR-J5 MR-J4 MR-JET MR-JE

GT27 GT25 GT21 SoftGOT (Single-ch) SoftGOT (Multi-ch)

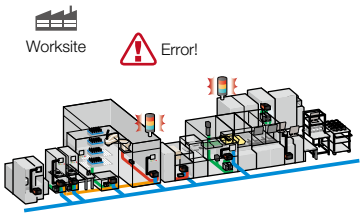
Servo amplifier data analysis

Dedicated screen | End user | OEM | Trouble-shooting

Retrieve servo data from the servo amplifier using the on-site GOT

Challenges

The cause of the trouble cannot be identified at the worksite.



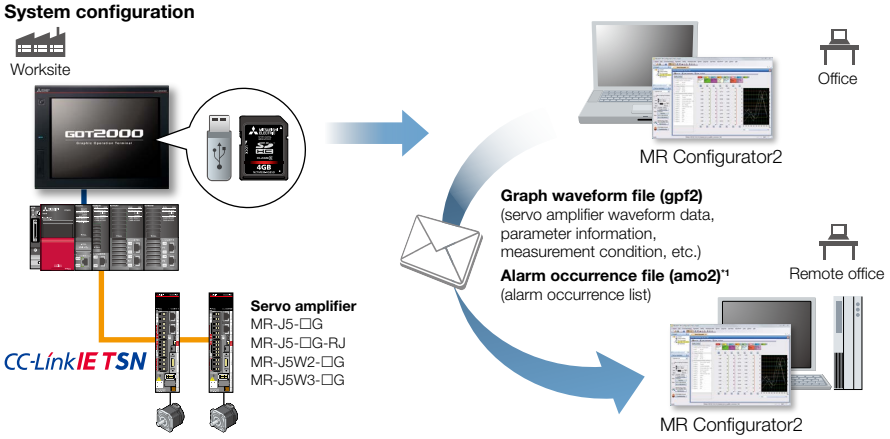
In case of a system failure, is there a simple and quick way to retrieve the servo data and analyze the problem cause?

Solutions

GOT reads the data which is saved in a servo amplifier and stores it in GOT's SD memory card or USB memory. After obtaining the servo data from GOT, you can send it to an office in a remote location and quickly solve the problem.

* MR-J5-□B(-RJ), MR-J5W2-□B, MR-J5W3-□B, and MR-J4-□GF(-RJ) do not support retrieving graph waveform file (gpf2) from the servo amplifier graph function.

System configuration



*1 Alarm occurrence file (amo2) is output only when the servo amplifier is MELSERVO-J4 or MELSERVO-JE.

●: Supported —: Not supported

No.	Function	MR-J5-□G(-RJ) MR-J5W2-□G MR-J5W3-□G	MR-J5D1-□G4 MR-J5D2-□G4 MR-J5D3-□G4	MR-J5-□B(-RJ) MR-J5W2-□B MR-J5W3-□B	MR-J4-□B(-RJ) MR-J4W2-□B MR-J4W3-□B	MR-J4-□A(-RJ)	MR-J4-□GF(-RJ)	MR-JET-□G	MR-JE-□B	MR-JE-□A	MR-JE-□C
1	Drive recorder function	●	●	●	●	—	●	●	●	—	—
2	Servo amplifier data analysis	●	●	●	●	—	●	●	●	—	—

Key Feature 10

MR-J5 MR-J4 MR-JET MR-JE

GT27 GT25 GT21 SoftGOT (Single-ch) SoftGOT (Multi-ch)

Servo amplifier graph function (maintenance)

Dedicated screen | End user | OEM | Preventive maintenance | Trouble-shooting

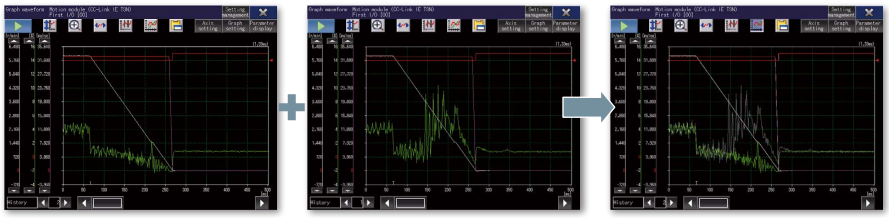
Analyze the waveform data of a servo amplifier using the on-site GOT

Challenges

How can I compare the data before and after the error occurrence?

Solutions

In the servo amplifier graph function, a specific period of time can be set in the collection and trigger setting window. Then the waveform data that occurred within the set period and the parameter information can be buffered in a servo amplifier, and can be read out and displayed on the GOT. By saving a normal waveform data as a history, you can compare it with the data measured in the same conditions by superimposing them; therefore it is useful for equipment maintenance.



Normal waveform data | Abnormal waveform data | You can see the difference at a glance by superimposing normal and abnormal waveform data

Key Feature 11

MR-J4

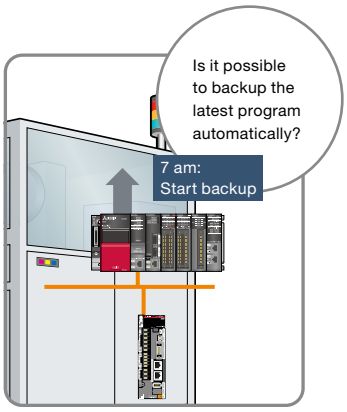
GT27 GT25 GT21 SoftGOT (Single-ch) SoftGOT (Multi-ch)

Backup/Restoration function

End user | OEM | Preventive maintenance | Trouble-shooting

Ensure worry-free operation even in the event of a servo amplifier failure by backing up programs and parameters with the on-site GOT

Challenges



How can I backup programs and parameters of servo system periodically?

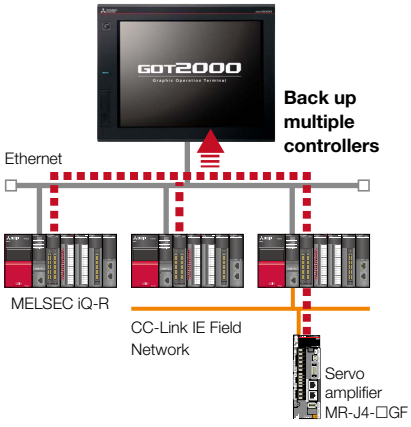
Solutions

Backup or restore programs of a motion controller or parameters of a servo amplifier to or from the GOT's SD memory card or USB memory. You can specify a trigger device, a day of the week, and time for automatic backup. The function makes it easier to backup data at the end of the day, before the weekend, or before the holiday. You can perform batch operation to restore the data to the servo amplifier.

<Supported models>
- ●R64MTCPU/R32MTCPU/R16MTCPU
- ●Q173DSCPU/Q172DSCPU
- ●Q170MSCPU(-S1)
- ●Q170MCPU(-S1)
- ●Q173DCPU(-S1)/Q172DCPU(-S1)
- ●Q173HCPU/Q172HCPU
- ●Q173CPU(N)/Q172CPU(N)
- ●MR-J4-☐GF

* Motion CPU (MELSEC-Q Series) should be SV13 or SV22.
* For the details of production number and the OS version supported by QCPU, please refer to the relevant product manual.

System configuration example
In case of J4-CASE4*1



*1 Note that this function cannot be used when CC-Link IE Field Network Ethernet adapter module is used.

●: Supported —: Not supported

No.	Function	MR-J5-☐G(-RJ) MR-J5W2-☐G MR-J5W3-☐G	MR-J5D1-☐G4 MR-J5D2-☐G4 MR-J5D3-☐G4	MR-J5-☐B(-RJ) MR-J5W2-☐B MR-J5W3-☐B	MR-J4-☐B(-RJ) MR-J4W2-☐B MR-J4W3-☐B	MR-J4-☐A(-RJ)	MR-J4-☐GF(-RJ)	MR-JET-☐G	MR-JE-☐B	MR-JE-☐A	MR-JE-☐C
1	Servo amplifier graph function (maintenance)	●	●	–	●	–	–	●	●	–	–
2	Backup/Restoration function	–	–	–	–	–	●*	–	–	–	–

* MR-J4-☐GF only

Key Feature 12

MR-J5 MR-J4 MR-JET MR-JE

GT27 GT25 GT21 SoftGOT (Single-ch)* SoftGOT (Multi-ch)

* Supported by MR-J4-☐B(-RJ), MR-J4W2-☐B, MR-J4W3-☐B, MR-JE-☐B only. See page 16 for details.

Monitor function

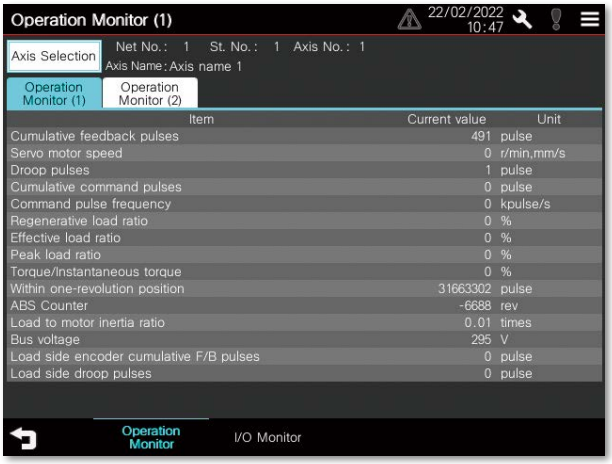
Sample screen | End user | OEM | Trouble-shooting

The screens can be used to display the status of the servo amplifier in operation and the I/O signals

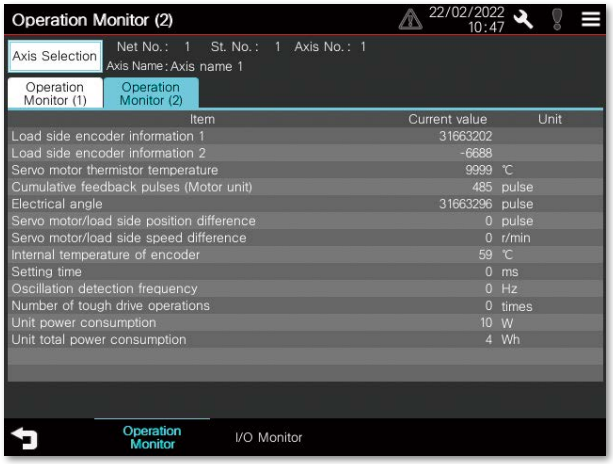
The servo motor speed, torque, bus voltage and input/output signals of the servo amplifier can be displayed on the GOT and GT SoftGOT2000.

■Sample screens

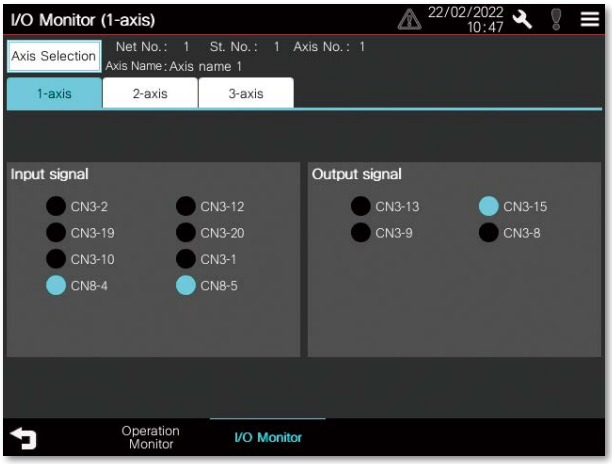
Operation monitor screen



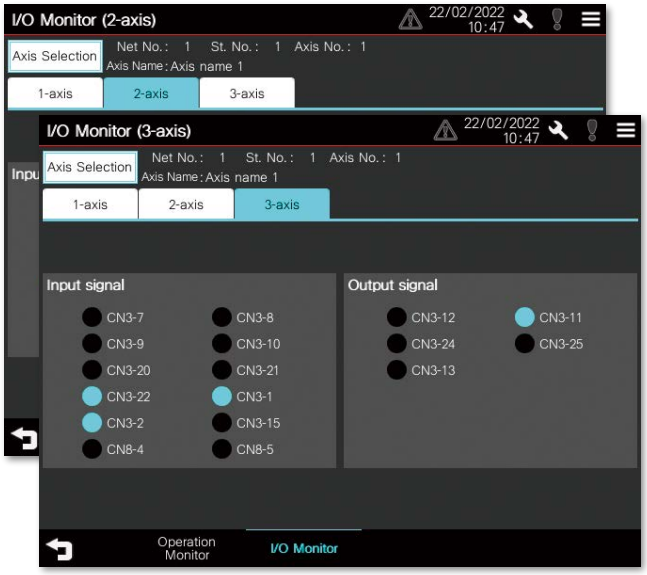
Operation monitor screen



I/O monitor screen * For 1-axis servo amplifier



I/O monitor screen * For multi-axis servo amplifiers



* All of the above images are the connection sample screens of MR-J5-☐G.

●: Supported —: Not supported

No.	Function	MR-J5-☐G(-RJ) MR-J5W2-☐G MR-J5W3-☐G	MR-J5D1-☐G4 MR-J5D2-☐G4 MR-J5D3-☐G4	MR-J5-☐B(-RJ) MR-J5W2-☐B MR-J5W3-☐B	MR-J4-☐B(-RJ) MR-J4W2-☐B MR-J4W3-☐B	MR-J4-☐A(-RJ)	MR-J4-☐GF(-RJ)	MR-JET-☐G	MR-JE-☐B	MR-JE-☐A	MR-JE-☐C
1	Operation monitor	●	●	●	●	●	●	●	●	●	●
2	Input/output monitor	●	●	●	●	●	●	●	●	●	●

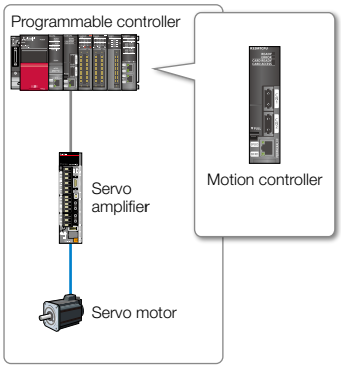
Key Feature 13 | MR-J4 | GT27 | GT25 | GT21 | SoftGOT (Single-ch) | SoftGOT (Multi-ch)

R motion monitor function/Q motion monitor function

Dedicated screen | End user | OEM | Trouble-shooting

Monitor and edit servo parameters of a motion controller using the on-site GOT

Challenges

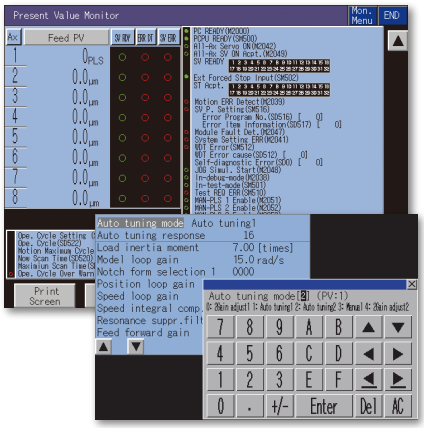


Can I check and change servo parameters of a motion controller easily?

Solutions

The R motion monitor function and Q motion monitor function allow you to monitor the motion controller and edit servo parameters.

R motion monitor screen



Parameter setting screen

<Supported models>
- R64MTCPU/R32MTCPU/R16MTCPU
- Q173DSCPU/Q172DSCPU
- Q170MSCPU(-S1)

* Motion CPU (MELSEC-Q Series) should be SV13 or SV22. Supported contents of the Q motion monitor function vary depending on the CPU model.
* For the details of supported devices and connection types, please refer to the relevant product manual.

Key Feature 14 | MR-J4 | GT27 | GT25 | GT21 | SoftGOT (Single-ch) | SoftGOT (Multi-ch)

R motion SFC monitor function/Q motion SFC monitor function

Dedicated screen | End user | OEM | Trouble-shooting

Check motion SFC programs using the on-site GOT

Challenges

How can I check motion SFC programs without a PC?

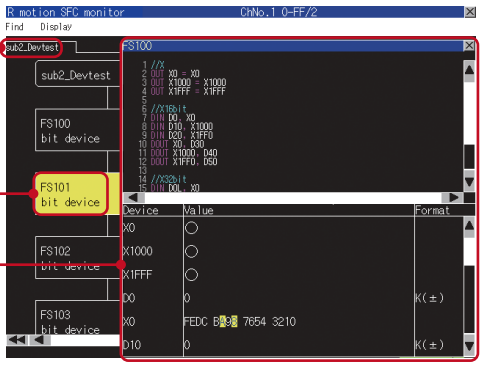
Solutions

GOT can be used to monitor motion SFC programs and device values of a Motion CPU (MELSEC iQ-R Series, MELSEC-Q Series) connected to the GOT. Viewing the program batch monitor or active step list enables you to check the complete status at a glance.

Program tabs
Touch a tab to display the program.

Step/transition
The active step is highlighted. Touch the step to display the detail program window. The SFC diagram scrolls automatically along with the progress of active steps.

Detail program window
Displays the program and the present value of the calculation control step/transition.



<Supported models>
- Motion CPU (MELSEC iQ-R Series, MELSEC-Q Series)

* Motion CPU (MELSEC iQ-R Series, MELSEC-Q Series) requires the main OS and an add-on library that supports G code control.
* Motion CPU (MELSEC-Q Series) should be SV13 or SV22.
* For the details of production number and the OS version supported by Motion CPU (MELSEC-Q Series), please refer to the relevant product manual.

●: Supported —: Not supported

No.	Function	MR-J5-□G(-RJ) MR-J5W2-□G MR-J5W3-□G	MR-J5D1-□G4 MR-J5D2-□G4 MR-J5D3-□G4	MR-J5-□B(-RJ) MR-J5W2-□B MR-J5W3-□B	MR-J4-□B(-RJ) MR-J4W2-□B MR-J4W3-□B	MR-J4-□A(-RJ)	MR-J4-□GF(-RJ)	MR-JET-□G	MR-JE-□B	MR-JE-□A	MR-JE-□C
1	R motion monitor function	—	—	—	●	—	—	—	—	—	—
2	Q motion monitor function	—	—	—	●	—	—	—	—	—	—
3	R motion SFC monitor function NEW	—	—	—	●	—	—	—	—	—	—
4	Q motion SFC monitor function	—	—	—	●	—	—	—	—	—	—

Key Feature 15

MR-J4

GT27 GT25 GT21 SoftGOT (Single-ch) SoftGOT (Multi-ch)

Motion program editor function

Dedicated screen | End user | OEM | Maintenance | Trouble-shooting

Display and edit motion programs (G-code programs) on the on-site GOT

Challenges

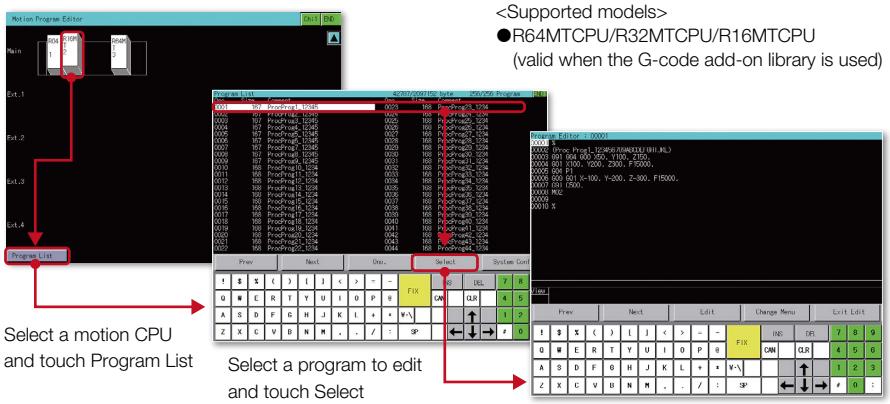
An error occurred during production. Can I edit the motion programs (G-code programs) at the worksite?

Solutions

Motion programs (G-code programs) can be edited in the dedicated screen of the motion program editor function of the GOT.

* Supported by GOTs with a resolution of SVGA or higher.
* To use G-code control, the G-code add-on library (paid) must be installed.

<Supported models>
●R64MTCPU/R32MTCPU/R16MTCPU
(valid when the G-code add-on library is used)



Select a motion CPU and touch Program List

Select a program to edit and touch Select

Key Feature 16

MR-J4

GT27 GT25 GT21* SoftGOT (Single-ch) SoftGOT (Multi-ch)

* GT21 does not support the dedicated screens.

Servo amplifier monitor function

Sample screen | Dedicated screen | End user | OEM | Trouble-shooting

Support the startup and adjustment of MR-J4-□A(-RJ) using the on-site GOT

Challenges

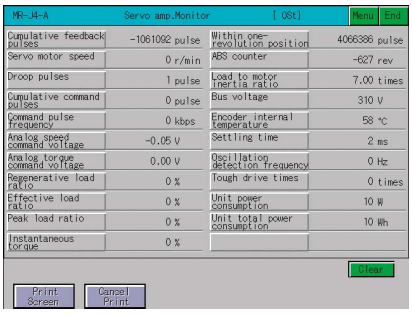
It's bothersome to design setting screen from scratch...

How can I check the status of the servo amplifier easily?

Solutions

In a system which outputs pulse trains, the GOT can be connected to a servo amplifier in a serial connection (RS-422) to perform the following operations: set up, monitoring, alarm display, diagnosis, parameter setting, and test operations.

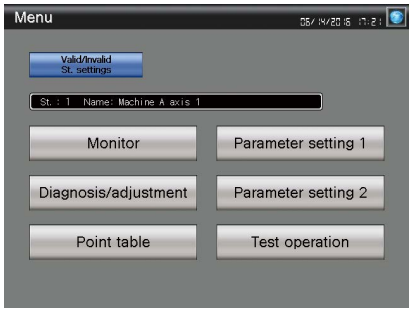
Dedicated screens



Without creating screens, parameters can be monitored and written from dedicated screens.

* GT21 does not support the dedicated screens.

Sample screens (VGA)



Various sample screens such as monitoring, parameter settings, test operations are available and they are all customizable.

* Sample screens for GT21 are available in 480 × 272.

●: Supported —: Not supported

No.	Function	MR-J5-□G(-RJ) MR-J5W2-□G MR-J5W3-□G	MR-J5D1-□G4 MR-J5D2-□G4 MR-J5D3-□G4	MR-J5-□B(-RJ) MR-J5W2-□B MR-J5W3-□B	MR-J4-□B(-RJ) MR-J4W2-□B MR-J4W3-□B	MR-J4-□A(-RJ)	MR-J4-□GF(-RJ)	MR-JET-□G	MR-JE-□B	MR-JE-□A	MR-JE-□C
1	Motion program editor function	—	—	—	●	—	—	—	—	—	—
2	Servo amplifier monitor function	—	—	—	—	●	—	—	—	—	—

Key Feature 17

MR-J4 MR-JE

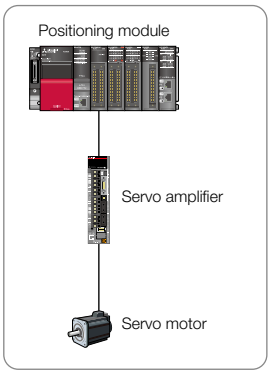
GT27 GT25 GT21 SoftGOT (Single-ch) SoftGOT (Multi-ch)

Intelligent module monitor function

Dedicated screen | End user | OEM | Trouble-shooting

Check the positioning module, status, or parameters on the on-site GOT

Challenges

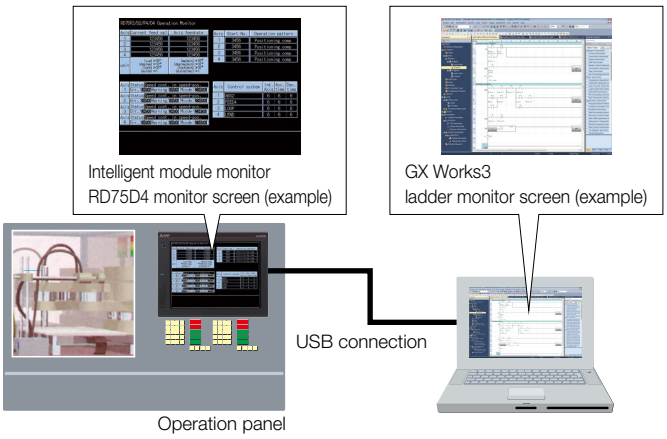


How can I debug positioning systems efficiently?

Solutions

You can debug positioning systems efficiently by displaying the data such as the status, parameters, and the I/O information of positioning module axes on GOT while monitoring positioning sequence programs on a PC simultaneously.

* For the details of supported devices and connection types, please refer to the relevant product manual.



Key Feature 18

MR-J5 MR-J4 MR-JET MR-JE

GT27 GT25 GT21 SoftGOT (Single-ch)* SoftGOT (Multi-ch)

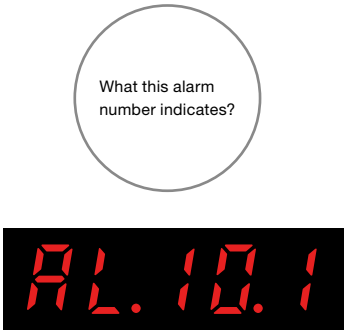
* Supported by MR-J4-☐B(-RJ), MR-J4W2-☐B, MR-J4W3-☐B, MR-JE-☐B only. See page 16 for details.

Alarm display function

Sample screen | End user | OEM | Trouble-shooting

Check alarm documentation stored on the GOT

Challenges



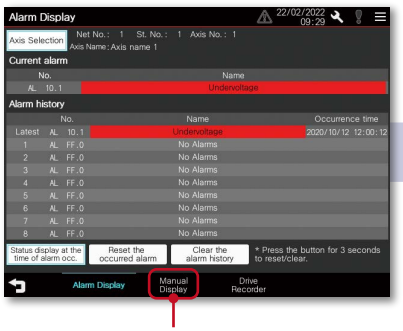
How can I check the details of an alarm that occurred on a servo amplifier?

Solutions

You can view alarms or warnings that are occurring and have occurred in the past, along with the number, message, and time of occurrence. Use the document display function to display the servo amplifier user's manual and quickly check troubleshooting procedures on the GOT.

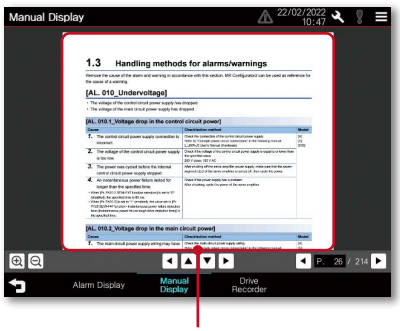
* The document display function is not supported by GT21.

Alarm display screen



Touch here to display the detail information

Document display screen * Not supported by GT21.



Display the PDF data and check the alarm details and corrective actions

* The screen image shown is the connection sample screen of MR-J5-☐G.

●: Supported —: Not supported

No.	Function	MR-J5-☐G(-RJ) MR-J5W2-☐G MR-J5W3-☐G	MR-J5D1-☐G4 MR-J5D2-☐G4 MR-J5D3-☐G4	MR-J5-☐B(-RJ) MR-J5W2-☐B MR-J5W3-☐B	MR-J4-☐B(-RJ) MR-J4W2-☐B MR-J4W3-☐B	MR-J4-☐A(-RJ)	MR-J4-☐GF(-RJ)	MR-JET-☐G	MR-JE-☐B	MR-JE-☐A	MR-JE-☐C
1	Intelligent module monitor function	—	—	—	●	●	●	—	●	●	●
2	Alarm display function	●	●	●	●	●	●	●	●	●	●

Key Feature 19

MR-J5 MR-JET

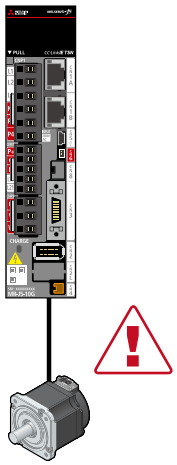
GT27 GT25 GT21 SoftGOT (Single-ch) SoftGOT (Multi-ch)

Encoder communication circuit diagnosis

Sample screen | End user | Trouble-shooting

The on-site GOT identifies the cause of an alarm generated by communication with the encoder

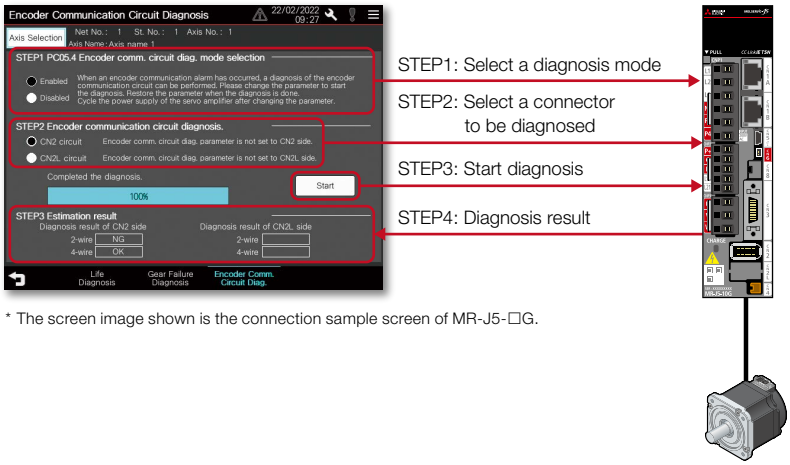
Challenges



The encoder is acting strange.
I need to bring a PC to check.

Solutions

When an encoder communication alarm occurs, you can use GOT to diagnose and determine whether the cause of the alarm is a servo amplifier failure or an encoder failure without preparing a PC.



* The screen image shown is the connection sample screen of MR-J5-☐G.

Key Feature 20

MR-J5 MR-JET

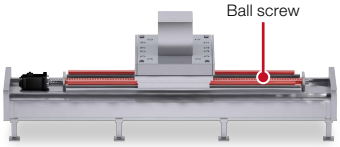
GT27 GT25 GT21 SoftGOT (Single-ch) SoftGOT (Multi-ch)

Machine diagnosis (friction estimation, vibration estimation)

Sample screen | End user | Predictive maintenance | Maintenance

The on-site GOT provides information on when to perform maintenance on components such as ball screws and linear guides

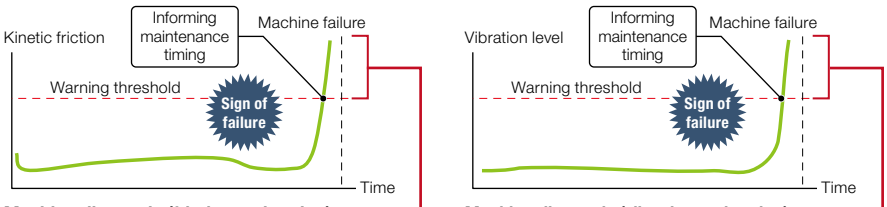
Challenges



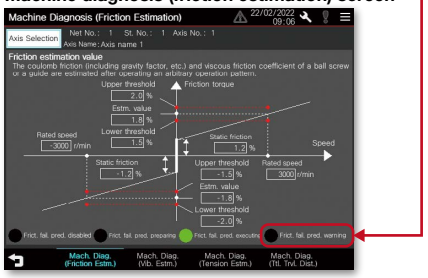
I want to know when to perform maintenance on components such as ball screws and linear guides.

Solutions

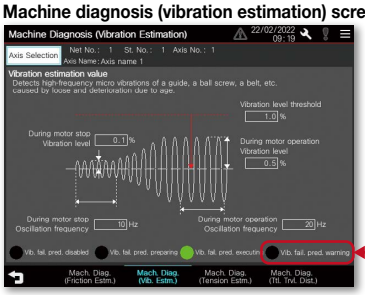
Maintenance can be performed on the machine before it fails because the servo amplifier estimates the friction and vibration of the drive unit, and GOT shows you a failure prediction warning.



Machine diagnosis (friction estimation) screen



Machine diagnosis (vibration estimation) screen



* The screen image shown is the connection sample screen of MR-J5-☐G.

●: Supported —: Not supported

No.	Function	MR-J5-☐G(-RJ) MR-J5W2-☐G MR-J5W3-☐G	MR-J5D1-☐G4 MR-J5D2-☐G4 MR-J5D3-☐G4	MR-J5-☐B(-RJ) MR-J5W2-☐B MR-J5W3-☐B	MR-J4-☐B(-RJ) MR-J4W2-☐B MR-J4W3-☐B	MR-J4-☐A(-RJ)	MR-J4-☐GF(-RJ)	MR-JET-☐G	MR-JE-☐B	MR-JE-☐A	MR-JE-☐C
1	Encoder communication circuit diagnosis	●	●	●	–	–	–	●	–	–	–
2	Machine diagnosis (friction estimation, vibration estimation)	●	●	●	–	–	–	●	–	–	–

Key Feature 21

MR-J5 MR-JET

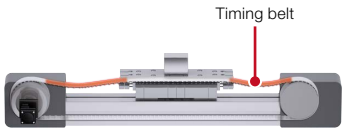
GT27 GT25 GT21 SoftGOT (Single-ch) SoftGOT (Multi-ch)

Machine diagnosis (tension estimation)

Sample screen | End user | Predictive maintenance | Maintenance

The on-site GOT allows you to see the timing for belt maintenance

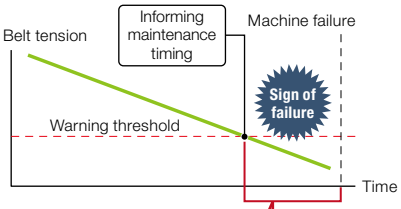
Challenges



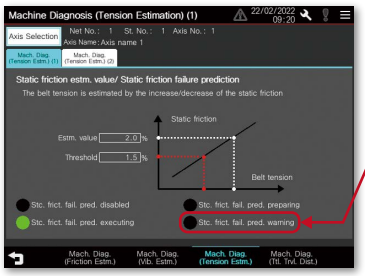
I want to know the belt's maintenance timing.

Solutions

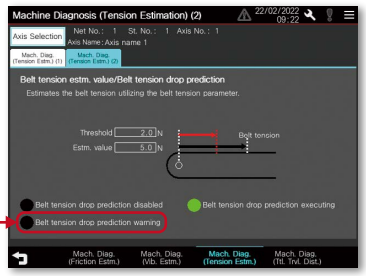
The servo amplifier estimates the tension deterioration of the belt connected to the servo motor, and GOT displays a tension deterioration warning, allowing maintenance to be performed at an appropriate timing.



Machine diagnosis (tension estimation) (1) screen



Machine diagnosis (tension estimation) (2) screen



* The screen image shown is the connection sample screen of MR-J5-☐G.

Key Feature 22

MR-J5 MR-JET

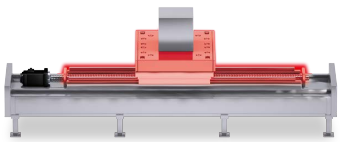
GT27 GT25 GT21 SoftGOT (Single-ch) SoftGOT (Multi-ch)

Machine diagnosis (total travel distance)

Sample screen | End user | Predictive maintenance | Maintenance

The on-site GOT provides information on when to replace and maintain servo motors and machine parts

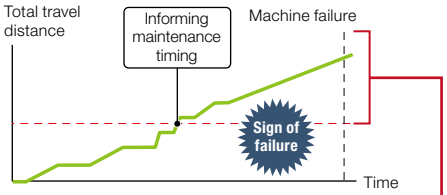
Challenges



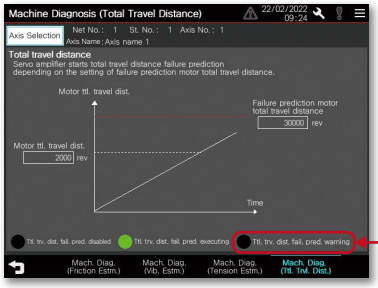
I want to know the replacement and maintenance timing for the servo motor and other mechanical parts.

Solutions

The GOT displays the total travel distance of the servo motor as an estimate for determining the timing of replacement and maintenance of both the servo motor and mechanical parts.



Machine diagnosis (total travel distance) screen



By setting [Pr. PF34.2 Servo motor total travel distance failure prediction warning selection], a warning will be displayed when the total travel distance of the servo motor exceeds the threshold.

* The screen image shown is the connection sample screen of MR-J5-☐G.

●: Supported —: Not supported

No.	Function	MR-J5-☐G(-RJ) MR-J5W2-☐G MR-J5W3-☐G	MR-J5D1-☐G4 MR-J5D2-☐G4 MR-J5D3-☐G4	MR-J5-☐B(-RJ) MR-J5W2-☐B MR-J5W3-☐B	MR-J4-☐B(-RJ) MR-J4W2-☐B MR-J4W3-☐B	MR-J4-☐A(-RJ)	MR-J4-☐GF(-RJ)	MR-JET-☐G	MR-JE-☐B	MR-JE-☐A	MR-JE-☐C
1	Machine diagnosis (tension estimation)	●	●	●	–	–	–	●	–	–	–
2	Machine diagnosis (total travel distance)	●	●	●	–	–	–	●	–	–	–

Key Feature 23

MR-J5 MR-JET

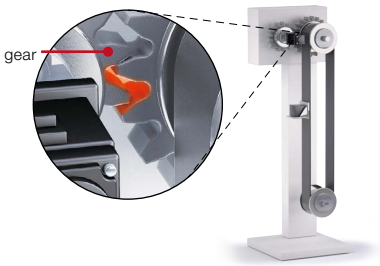
GT27 GT25 GT21 SoftGOT (Single-ch) SoftGOT (Multi-ch)

Gear Failure Diagnosis

Sample screen | End user | Predictive maintenance | Maintenance

You can check if the gear is broken on the on-site GOT

Challenges

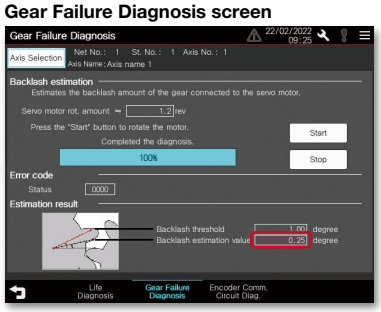


Can I check the wear of the gear without connecting to a PC?

Solutions

By checking and grasping the aging deterioration information of the gear acquired from the servo amplifier on the on-site the GOT, the system stop due to the failure can be prevented.

Gear Failure Diagnosis screen



* The screen image shown is the connection sample screen of MR-J5-☐G.

●Backlash estimation
Backlash estimation is performed by entering valid values for [Pr. PF66.0-3 Gear for backlash estimation - Numerator] and [Pr. PF66.4-7 Gear for backlash estimation - Denominator].

●Gear failure estimation
Gear failure prediction is performed by entering valid values for [Pr. PF67 Backlash nominal value] and [Pr. PF68_Backlash threshold multiplication].
Please compare the backlash estimation value of the estimation result with the backlash presented by the gear manufacturer.

●: Supported —: Not supported

No.	Function	MR-J5-☐G(-RJ) MR-J5W2-☐G MR-J5W3-☐G	MR-J5D1-☐G4 MR-J5D2-☐G4 MR-J5D3-☐G4	MR-J5-☐B(-RJ) MR-J5W2-☐B MR-J5W3-☐B	MR-J4-☐B(-RJ) MR-J4W2-☐B MR-J4W3-☐B	MR-J4-☐A(-RJ)	MR-J4-☐GF(-RJ)	MR-JET-☐G	MR-JE-☐B	MR-JE-☐A	MR-JE-☐C
1	Gear Failure Diagnosis	●	●	●	—	—	—	●	—	—	—

Key Feature 24

MR-J4 MR-JE

GT27 GT25 GT21 SoftGOT (Single-ch)* SoftGOT (Multi-ch)

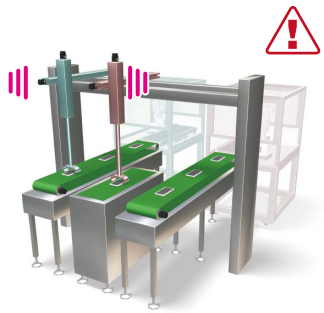
* Supported by MR-J4-□B(-RJ), MR-J4W2-□B, MR-J4W3-□B, MR-JE-□B only. See page 16 for details.

Machine diagnosis function

Sample screen | End user | Predictive maintenance | Maintenance

With the on-site GOT, you can find out the maintenance timing of the equipment drive parts

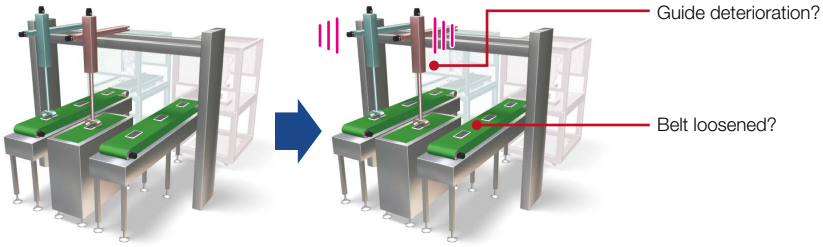
Challenges



How can I predict deterioration of a machine if it has excessive load and is frequently accelerated?

Solutions

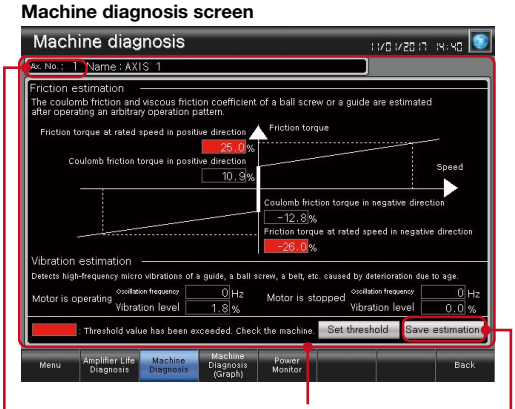
GOT can display estimated values (machine friction, torque vibration, etc.) that are collected by the machine diagnosis function of the servo amplifier. The difference between the initial value (at the startup) and the current value can be used to predict deterioration of the machine. Using this function with the GOT's alarm function will help you perform timely maintenance of machine parts.



Machine before operation

Vibration increased after starting operation

Machine diagnosis screen



By switching the axis number, multiple axes can be maintained on the same screen.

Displays the estimated value upon completion of the machine diagnosis. When any of the estimation values exceed the threshold values that are set on the GOT, the numerical value display area turns red.

Save estimation values to a file and compare the values to check the deterioration of the machine.

Descriptions of items on the machine diagnosis screen

Item	Description
Estimated friction value	Detect the estimated static friction (coulomb friction) (including gravity and etc.) and dynamic friction (viscous friction) coefficient of guides or ball screws according to the operation patterns.
Friction torque at rated speed (%)	Friction in operation at the rated speed. The value indicates the ratio (%) against the rated torque. The value increases as the machine deteriorates.
Static friction (coulomb friction) (%)	Regardless of the motor speed, a constant value is applied to friction. When an object begins to move, the torque must be greater than or equal to the static friction (coulomb friction) torque. The value indicates the ratio (%) against the rated torque. The value increases as the machine deteriorates.
Vibration estimation	The vibration estimation function observes the torque vibration and estimates the vibration level and the vibration frequency of high-frequency micro vibrations. This function allows checking of the increase of vibration level and the change in the vibration frequency that are caused by deterioration of a guide, a ball screw, a belt, etc. due to age.
Oscillation frequency (Hz)	Frequency of torque vibration when a machine vibrates during operation or when it is not operating. The value indicates the frequency when the machine oscillates due to a cause such as deterioration of the machine due to age.
Vibration level (%)	Torque amplitude when a machine vibrates during operation or when it is not operating. The value indicates the ratio (%) against the rated torque. The value increases as the machine oscillation increases due to a cause such as deterioration of the machine due to age.

Friction estimation by using the machine diagnosis function

Friction estimation results are obtained when the following conditions are satisfied:
- The machine was operated for 150 seconds or more at a motor rotation speed or linear servo motor speed equal to or above the value set for parameter [Pr. PF 31].
- The machine was operated for 150 seconds or more at a motor rotation speed or linear servo motor speed below the value set for parameter [Pr. PF 31].

The value of parameter [Pr. PF 31] is treated as an absolute value. Use a positive number for operating the machine in the forward rotation direction and a negative number for operating it in the reverse rotation direction.
In the case of the operation pattern shown in Figure 1, when both (a)+(c) and (b) are operated in the forward rotation direction for 150 seconds or more, a friction estimation result can be obtained.
The friction estimation in the reverse rotation direction cannot be obtained because the speed during the reverse rotation direction operation ((d)) does not exceed the value of parameter [Pr. PF 31].
Change the value of parameter [Pr. PF 31] and perform the friction estimation.
Also, when the value of the parameter [Pr. PF 31] is 0, the threshold value is the rated rotational speed or half the rated speed.

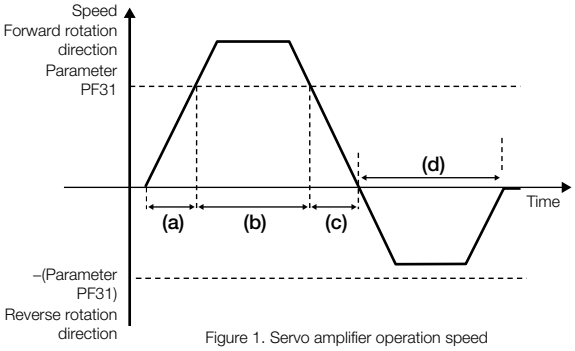


Figure 1. Servo amplifier operation speed

* PF31: Machine diagnosis function - Friction judgment speed
* For the details of the machine diagnosis function, please refer to MR Configurator2 Help.

●: Supported —: Not supported

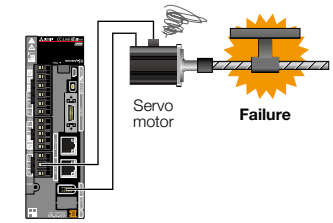
No.	Function	MR-J5-□G(-RJ) MR-J5W2-□G MR-J5W3-□G	MR-J5D1-□G4 MR-J5D2-□G4 MR-J5D3-□G4	MR-J5-□B(-RJ) MR-J5W2-□B MR-J5W3-□B	MR-J4-□B(-RJ) MR-J4W2-□B MR-J4W3-□B	MR-J4-□A(-RJ)	MR-J4-□GF(-RJ)	MR-JET-□G	MR-JE-□B	MR-JE-□A	MR-JE-□C
1	Machine diagnosis function	—	—	—	●	●	●	—	●	●	●

Machine failure prediction function

End user | Predictive maintenance | Maintenance

Notify maintenance timing of equipment drive parts using the on-site GOT

Challenges



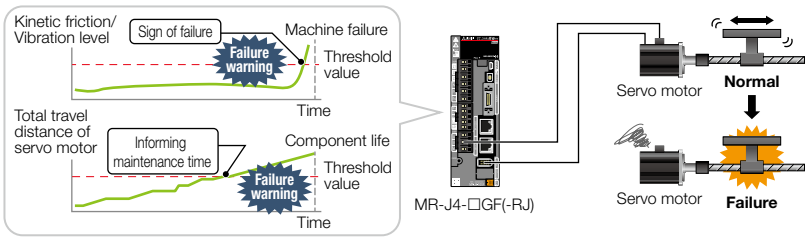
MR-J4-☐GF(-RJ)

How can I perform predictive maintenance of equipment drive parts?

Solutions

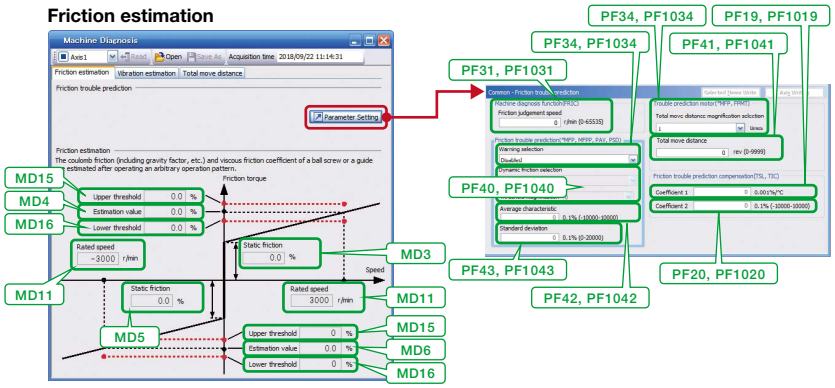
By setting devices of MR Configurator2 machine failure prediction function to numerical display objects of GT Works3, you can predict deterioration of the servo amplifier drive parts by checking the GOT.

* The failure prediction function can be used on MR-J4-☐GF(-RJ) servo amplifier with the software version A3 or later. This function does not guarantee prediction of all failures.

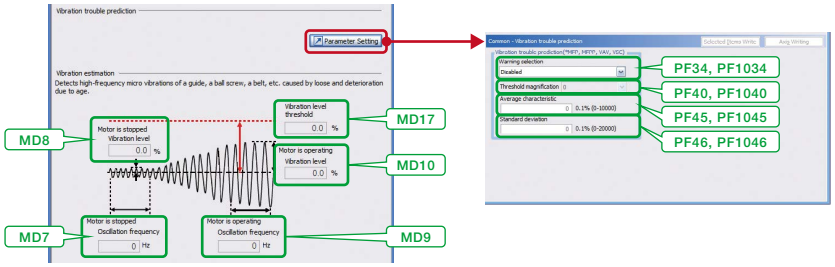


MR Configurator2 Version 1.68W screen

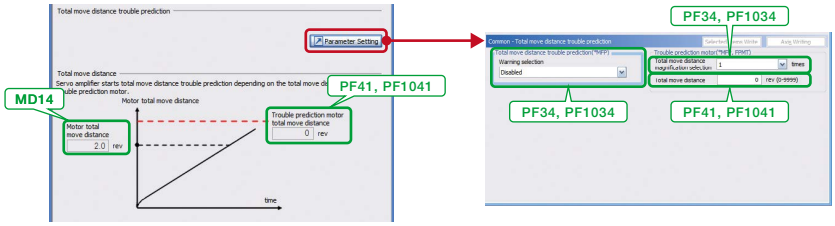
Friction estimation



Vibration estimation



Total travel distance



* For details, please refer to the MR-J4-☐GF(-RJ) Servo Amplifier Instruction Manual (Motion Mode) (SH(NA)-030218ENG).

Device name	Item	Symbol
MD3	Machine diagnosis data Static friction at forward rotation torque	-
MD4	Machine diagnosis data Dynamic friction at forward rotation torque (at rated speed)	-
MD5	Machine diagnosis data Static friction at reverse rotation torque	-
MD6	Machine diagnosis data Dynamic friction at reverse rotation torque (at rated speed)	-
MD11	Machine diagnosis data Rated speed	-
MD15	Machine diagnosis data Friction failure prediction - Upper limit threshold	-
MD16	Machine diagnosis data Friction failure prediction - Lower limit threshold	-
PF19, PF1019	Friction failure prediction - Compensation coefficient 1	TSL
PF20, PF1020	Friction failure prediction - Compensation coefficient 2	TIC
PF31, PF1031	Machine diagnosis function - Friction judgment speed	FRIC
PF34, PF1034	Machine diagnosis function selection	*MFP
PF40, PF1040	Machine failure prediction parameter	MFPP
PF41, PF1041	Failure prediction - Servo motor travel distance	FPMT
PF42, PF1042	Friction failure prediction - Average characteristic	PAV
PF43, PF1043	Friction failure prediction - Standard deviation	PSD
MD7	Machine diagnosis data Vibration frequency during stop/servo-lock	-
MD8	Machine diagnosis data Vibration level during stop/servo-lock	-
MD9	Machine diagnosis data Vibration frequency during operation	-
MD10	Machine diagnosis data Vibration level during operation	-
MD17	Machine diagnosis data Vibration level threshold	-
PF34, PF1034	Machine diagnosis function selection	*MFP
PF40, PF1040	Machine failure prediction parameter	MFPP
PF45, PF1045	Vibration failure prediction - Average characteristic	VAV
PF46, PF1046	Vibration failure prediction - Standard deviation	VSC
MD14	Machine diagnosis data Servo motor travel distance	-
PF34, PF1034	Machine diagnosis function selection	*MFP
PF41, PF1041	Failure prediction - Servo motor travel distance (graph side) PF41 x PF34 multiplication numerator	FPMT -

●: Supported —: Not supported

No.	Function	MR-J5-☐G(-RJ) MR-J5W2-☐G MR-J5W3-☐G	MR-J5D1-☐G4 MR-J5D2-☐G4 MR-J5D3-☐G4	MR-J5-☐B(-RJ) MR-J5W2-☐B MR-J5W3-☐B	MR-J4-☐B(-RJ) MR-J4W2-☐B MR-J4W3-☐B	MR-J4-☐A(-RJ)	MR-J4-☐GF(-RJ)	MR-JET-☐G	MR-JE-☐B	MR-JE-☐A	MR-JE-☐C
1	Machine failure prediction function	—	—	—	—	—	●	—	—	—	—

Key Feature 26

MR-J5 MR-J4 MR-JET MR-JE

GT27 GT25 GT21 SoftGOT (Single-ch)* SoftGOT (Multi-ch)

* Supported by MR-J4-☐B(-RJ), MR-J4W2-☐B, MR-J4W3-☐B, MR-JE-☐B only. See page 16 for details.

Servo amplifier life diagnosis function

Sample screen | End user | Visualization | Predictive maintenance

Supports predictive maintenance functions of servo amplifiers

Challenges

Is it possible to check the life of the servo amplifier with GOT without connecting it to a PC?

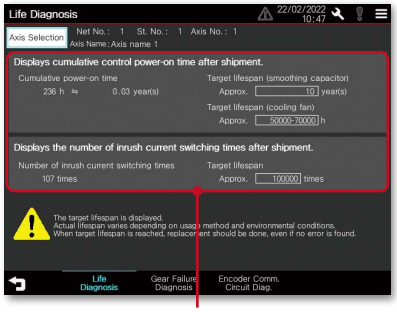
Solutions

Cumulative operation time, on/off counts of inrush relay, and replacement timing of servo amplifier components (capacitor, relay) can be checked on the GOT. Also, you can notify the replacement timing of servo amplifier components to on-site workers by using the GOT alarm function.

Periodic check

* The screen image shown is the connection sample screen of MR-J5-☐G.

Life diagnosis screen



Check the smoothing capacitor energization time or the inrush relay on/off times at a glance

Key Feature 27

MR-J5 MR-J4 MR-JET MR-JE

GT27 GT25 GT21 SoftGOT (Single-ch)* SoftGOT (Multi-ch)

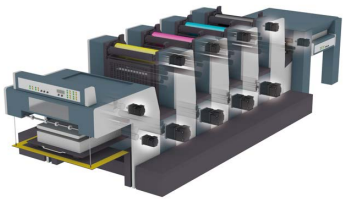
* Supported by MR-J4-☐B(-RJ), MR-J4W2-☐B, MR-J4W3-☐B, MR-JE-☐B only. See page 16 for details.

Switching axis numbers (station numbers) of servo amplifiers

Sample screen | End user | OEM | Maintenance

Adjust and maintain multiple axes on one screen

Challenges

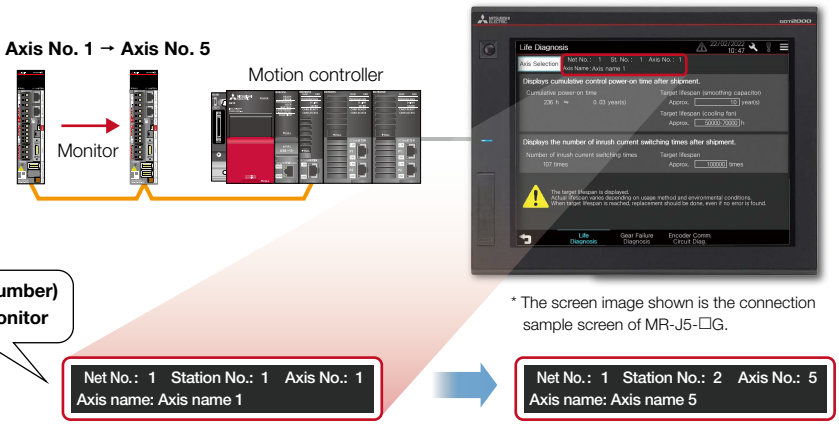


Creating a screen for each axis of a servo amplifier is time-consuming and can result in increased data storage usage.

Solutions

GOT can be used to monitor axes of servo amplifiers by switching the axis numbers so that you can adjust and maintain multiple axes on one screen. You can reduce the number of screens and also reduce the time for screen creation and equipment maintenance.

Switching MR-J5-☐G axis numbers (station numbers) from 1 to 5



* The screen image shown is the connection sample screen of MR-J5-☐G.

●: Supported —: Not supported

No.	Function	MR-J5-☐G(-RJ) MR-J5W2-☐G MR-J5W3-☐G	MR-J5D1-☐G4 MR-J5D2-☐G4 MR-J5D3-☐G4	MR-J5-☐B(-RJ) MR-J5W2-☐B MR-J5W3-☐B	MR-J4-☐B(-RJ) MR-J4W2-☐B MR-J4W3-☐B	MR-J4-☐A(-RJ)	MR-J4-☐GF(-RJ)	MR-JET-☐G	MR-JE-☐B	MR-JE-☐A	MR-JE-☐C
1	Servo amplifier life diagnosis function	●	●	●	●	●	●	●	●	●	●
2	Switching axis numbers (station numbers) of servo amplifiers	●	●	●	●	●	●	●	●	●	●

Key Feature 28

MR-J5 MR-J4 MR-JET MR-JE

GT27 GT25 GT21 SoftGOT (Single-ch) SoftGOT (Multi-ch)

Sample screens

Easy to use sample screens of various interactive functions

Sample screens are available for changing servo amplifier parameters, monitoring, and testing operations from the GOT2000 and GT SoftGOT2000. To reuse sample screens, you can select the whole project or individual screens. Sample screens are included with GT Works3.

In the GT Works3 menu, select [Project] → [Utilize Data].

Select "Sample Project" as the Target on the Utilize Data screen

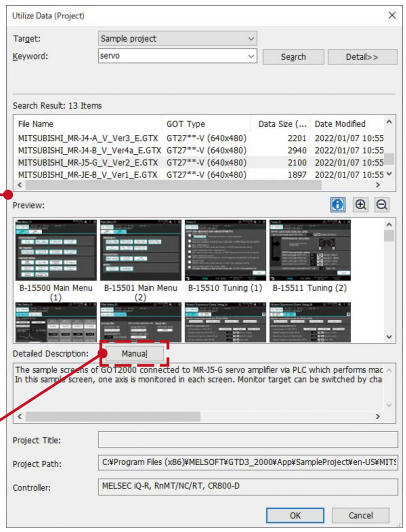
↓

Select or input a keyword (arbitrary)

↓

Select from the search results, and press the Utilize button

In the sample screen manual, check the details of settings and functions



[Screen specifications]
GOT type: GT27**-V (640 × 480)
: GT2104-R (480 × 272)
: GS21**-W-N (800×480)

* The data can be used for GOTs with different resolutions by changing the GOT type.

[Compatible language]
English, Japanese, Chinese (Simplified)

How to obtain sample screens

Sample screens are included with GT Works3.
If you would like to obtain the latest sample screen data, please contact your local sales office.

Key Feature 29

MR-J5 MR-J4 MR-JET MR-JE

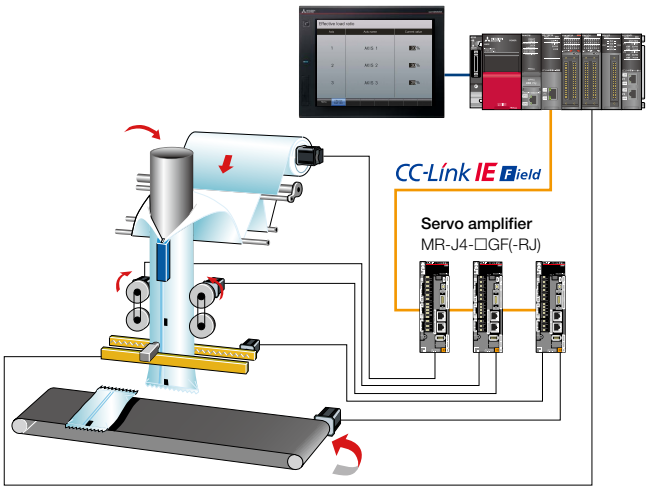
GT27 GT25 GT21 SoftGOT (Single-ch)* SoftGOT (Multi-ch)

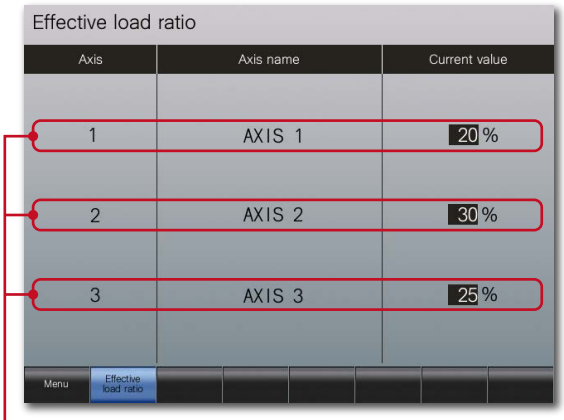
* Supported by MR-J4-☐B(-RJ), MR-J4W2-☐B, MR-J4W3-☐B, MR-JE-☐B only. See page 16 for details.

User-created screen

Create monitor screens by the users flexibly

Users can create screens and set data to be monitored flexibly. If there is no sample screens for the model you wish to use such as MR-J4-☐GF or MR-J5D1-☐G4, monitoring is possible by setting the parameters and devices in the numerical displays and lamps. Various connection types can be used so that you can create screens depending on the system.





An example of displaying multiple axes information in one screen. Screens can be created flexibly to monitor necessary information.

●: Supported —: Not supported

No.	Function	MR-J5-☐G(-RJ) MR-J5W2-☐G MR-J5W3-☐G	MR-J5D1-☐G4 MR-J5D2-☐G4 MR-J5D3-☐G4	MR-J5-☐B(-RJ) MR-J5W2-☐B MR-J5W3-☐B	MR-J4-☐B(-RJ) MR-J4W2-☐B MR-J4W3-☐B	MR-J4-☐A(-RJ)	MR-J4-☐GF(-RJ)	MR-JET-☐G	MR-JE-☐B	MR-JE-☐A	MR-JE-☐C
1	Sample screens	●	—	●	●	●	—	●	●	●	—
2	User-created screen	●	●	●	●	●	●	●	●	●	●

Concept movie Lineup

HMI lineup

GOT2000 Series

GT27

Advanced model with multi-touch gesture functions

Ethernet | RS-232 | RS-422/485 | CC-Link IE TSN | CC-Link IE Control | CC-Link IE Field*1 | CC-Link IE Field Basic | CC-Link | Bus | MELSECNET

*1 The CC-Link IE Field Network communication unit and GOT set is also available.

15 inch — TFT 65536 colors | AC | DC

XGA 1024×768
- GT2715-XTBA
- GT2715-XTBD

12.1 inch — TFT 65536 colors | AC | DC

SVGA 800×600
- GT2712-STBA
- GT2712-STBD
- GT2712-STWA [White model]
- GT2712-STWD [White model]

10.4 inch — TFT 65536 colors | AC | DC

SVGA 800×600
- GT2710-STBA
- GT2710-STBD

VGA 640×480
- GT2710-VTBA
- GT2710-VTBD
- GT2710-VTWA [White model]
- GT2710-VTWD [White model]

8.4 inch — TFT 65536 colors | AC | DC

SVGA 800×600
- GT2708-STBA
- GT2708-STBD

VGA 640×480
- GT2708-VTBA
- GT2708-VTBD

GT25

High performance, cost efficient, mid-range model

Ethernet | RS-232 | RS-422/485 | CC-Link IE TSN*2 | CC-Link IE Control*2 | CC-Link IE Field*1*2 | CC-Link IE Field Basic | CC-Link*2 | Bus*2 | MELSECNET*2 | Sound output*2 | External I/O*2

*1 The CC-Link IE Field Network communication unit and GOT set is also available. *2 Not supported by GT2505.

12.1 inch — TFT 65536 colors | AC | DC

SVGA 800×600
- GT2512-STBA
- GT2512-STBD

10.4 inch — TFT 65536 colors | AC | DC

VGA 640×480
- GT2510-VTBA
- GT2510-VTBD
- GT2510-VTWA [White model]
- GT2510-VTWD [White model]

8.4 inch — TFT 65536 colors | AC | DC

VGA 640×480
- GT2508-VTBA
- GT2508-VTBD
- GT2508-VTWA [White model]
- GT2508-VTWD [White model]

5.7 inch — TFT 65536 colors | DC

VGA 640×480
- GT2505-VTBD

GT25 Wide

GOT2000 widescreen expands your view

Ethernet (2 ports) | RS-232 | RS-422/485 | CC-Link IE Field Basic | Sound output (built-in)

12.1 inch — TFT 65536 colors | DC

WXGA 1280×800
- GT2512-WXTBD
- GT2512-WXTSD

10.1 inch — TFT 65536 colors | DC

WXGA 1280×800
- GT2510-WXTBD
- GT2510-WXTSD

7 inch — TFT 65536 colors | DC

WVGA 800×480
- GT2507-WTBD
- GT2507-WTSD

GT21 Wide

Ethernet | RS-232 | RS-422/485 | CC-Link IE Field Basic

7 inch — TFT 65536 colors | DC

WVGA 800×480
- GT2107-WTBD
- GT2107-WTSD

GT21

Compact models with basic functions

Ethernet*1 | RS-232*1 | RS-422/485*1 | CC-Link IE Field Basic*2

*1 Supported interfaces vary depending on the model. Please refer to descriptions in [ ] after the model.

*2 Supported only by the models equipped with an Ethernet port.

4.3 inch — TFT 65536 colors | DC

480×272
- GT2104-RTBD [Ethernet, RS-232, RS-422/485]

3.8 inch — TFT mono-chrome | DC | 5-color LED

320×128
- GT2103-PMBD [Ethernet, RS-422/485]
- GT2103-PMBDS [RS-232, RS-422/485]
- GT2103-PMBDS2 [RS-232 × 2 channels]
- GT2103-PMBLS [RS-422] 5 V DC type

Multi-touch gesture | Multimedia*2 | Video/RGB*2 | Sound output | External I/O

*2 Not supported by GT2705.

5.7 inch

TFT 65536 colors | DC

VGA 640×480

GT2705-VTBD

GT25 Open frame

A new style of GOT2000

Ethernet | RS-232 | RS-422/485 | CC-Link IE TSN | CC-Link IE Control | CC-Link IE Field | CC-Link IE Field Basic | CC-Link | Bus | MELSECNET | Sound output | External I/O

12.1 inch

TFT 65536 colors | AC | DC

SVGA 800×600

GT2512F-STNA
GT2512F-STND

10.4 inch

TFT 65536 colors | AC | DC

VGA 640×480

GT2510F-VTNA
GT2510F-VTND

8.4 inch

TFT 65536 colors | AC | DC

VGA 640×480

GT2508F-VTNA
GT2508F-VTND

GT25 Rugged

Ethernet (2 ports) | RS-232 | RS-422/485 | CC-Link IE Field Basic | Sound output (built-in)

7 inch

TFT 65536 colors | DC

WVGA 800×480

GT2507T-WTSD

GT25 Handy

HMI functionality in the palm of your hand

Ethernet | RS-232 | RS-422/485*1 | CC-Link IE Field Basic

*1 GT2505HS supports RS-422 only.

6.5 inch

TFT 65536 colors | DC

VGA 640×480

GT2506HS-VTBD

5.7 inch

TFT 65536 colors | DC

VGA 640×480

GT2505HS-VTBD

GOT2000 compatible HMI software

GT SoftGOT2000

USB port license key

GT SoftGOT2000 Version1

Make visualization of production accessible

GOT Screen Design Software

MELSOFT GT Works3

GOT Screen Design Software
MELSOFT GT Works3

Professional designs in just a few clicks

For the status of conforming to various standards and laws, please contact your local sales office.

GOT2000

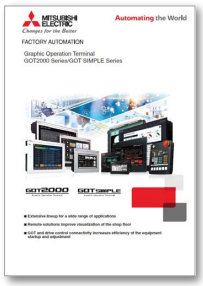
GOT2000

Graphic Operation Terminal

Designed to meet your
industrial automation needs

The Graphic Operation Terminal GOT2000 Series continues to evolve and provide more solutions to customers

The GOT2000 boasts advanced functionality, acts as a seamless gateway to other industrial automation devices, all while increasing productivity and efficiency. The high quality display is designed to optimize operator control and monitoring of device and line statuses. If you are looking for an intuitive operation terminal, the new tablet-like operability and the higher functionality of operation terminal makes the GOT2000 the ideal choice. Incorporate the GOT2000 to bring forth flexibility, productivity, and quality on a global scale.



For details, please refer to the Mitsubishi Electric Graphic Operation Terminal GOT2000 Series catalog (L(NA)08270ENG).

MELSERVO-J5

MITSUBISHI ELECTRIC SERVO SYSTEM
MELSERVO-J5

For details, please refer to the Mitsubishi Electric AC Servo System MELSERVO-J5 catalog (L(NA)03179ENG).

Create new value with MELSERVO-J5. Unlock performance with a total drive solution.

Focused on improving total performance.
The MELSERVO-J5 series servo system boasts industry-leading level basic performance. The high-speed, high-precision capabilities of MELSERVO-J5 help to increase the productivity of your machines.

MELSERVO-J4

MITSUBISHI SERVO AMPLIFIERS & MOTORS
MELSERVO-J4

A complete system lineup to meet your production and manufacturing needs

To respond to an expanding range of applications including semiconductor and FPD manufacturing, robots, and food processing machines, MELSERVO-J4 combines with other Mitsubishi Electric product lines such as Motion controllers, networks, graphic operation terminals, programmable controllers and more. This gives you the freedom and flexibility to create a more advanced servo system.

For details, please refer to the Mitsubishi Electric Servo Amplifiers & Motors MELSERVO-J4 catalog (L(NA)03058).

MELSERVO-JET

MITSUBISHI ELECTRIC SERVO SYSTEM
MELSERVO-JET

Create new value with MELSERVO-JET. Unlock performance with a total drive solution

Crafted from a different perspective, increase your productivity with a next generation servo system. The MELSERVO-JET Series servo system performs basic functions at a high level, while its high-speed, high-precision capabilities help increase the productivity of your machines.

For details, please refer to the Mitsubishi Electric AC Servo System MELSERVO-JET catalog (L(NA)03187ENG).

MELSERVO-JE

MITSUBISHI SERVO AMPLIFIERS & MOTORS
MELSERVO JE

Apply servos to all machines with reliable basic performance and advanced ease-of-use!

With Mitsubishi Electric's commitment to total system solutions and global supports, the MELSERVO-JE becomes the answer to the world-wide needs in driving control.

For details, please refer to the Mitsubishi Electric Servo Amplifiers & Motors MELSERVO-JE catalog (L(NA)03086ENG).

GOT Drive Plus (Paid Template Screen)

GOT Drive plus

MITSUBISHI GRAPHIC OPERATION TERMINAL
GOT2000 + MITSUBISHI SERVO AMPLIFIERS & MOTORS MELSERVO-J4

Ready-to-use GOT project data is available for purchase.
With this project data, you can cut down on design time and start your work or operation immediately without the need for a complex setup or screen creation.

For details, please refer to the GOT2000 Drive Control (Servo) Interactive Solutions GOT Drive Plus catalog (L(NA)08594ENG).

The actual color may differ slightly from the pictures in this catalog.
The actual display may differ from what are shown on GOT screen images.

Precautions before use

This publication explains the typical features and functions of the products herein and does not provide restrictions or other information related to usage and module combinations. Before using the products, always read the product user manuals. Mitsubishi Electric will not be held liable for damage caused by factors found not to be the cause of Mitsubishi Electric; opportunity loss or lost profits caused by faults in Mitsubishi Electric products; damage, secondary damage, or accident compensation, whether foreseeable or not, caused by special factors; damage to products other than Mitsubishi Electric products; or any other duties.

⚠ For safe use

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- The products have been manufactured as general-purpose parts for general industries, and are not designed or manufactured to be incorporated in a device or system used in purposes related to human life.
- Before using the products for special purposes such as nuclear power, electric power, aerospace, medicine or passenger-carrying vehicles, consult with Mitsubishi Electric.
- The products have been manufactured under strict quality control. However, when installing the products where major accidents or losses could occur if the products fail, install appropriate backup or fail-safe functions in the system.

CC-Link CC-Link IE MELSOFT

Creating Solutions Together.

Low-voltage Power Distribution Products

Transformers, Med-voltage Distribution Products

Power Monitoring and Energy Saving Products

Power (UPS) and Environmental Products

Compact and Modular Controllers

Servos, Motors and Inverters

Visualization: HMIs

Edge Computing Products

Numerical Control (NC)

Collaborative and Industrial Robots

Processing machines: EDM, Lasers

SCADA, analytics and simulation software

Mitsubishi Electric's product lineup, from various controllers and drives to energy-saving devices and processing machines, all help you to automate your world. They are underpinned by software, innovative data monitoring, and modelling systems supported by advanced industrial networking and Edgecross IT/OT connectivity. Together with a worldwide partner ecosystem, Mitsubishi Electric factory automation (FA) has everything to make IoT and Digital Manufacturing a reality.

With a complete portfolio and comprehensive capabilities that combine synergies with diverse business units, Mitsubishi Electric provides a one-stop approach to how companies can tackle the shift to clean energy and energy conservation, carbon neutrality and sustainability, which are now a universal requirement of factories, buildings, and social infrastructure.

We at Mitsubishi Electric FA are your solution partners waiting to work with you as you take a step toward the realization of sustainable manufacturing and society through the application of automation.
Let's automate the world together!

Note: not all products are available in all countries

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The release date varies depending on the product and your region. For details, please contact your local sales office.

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