

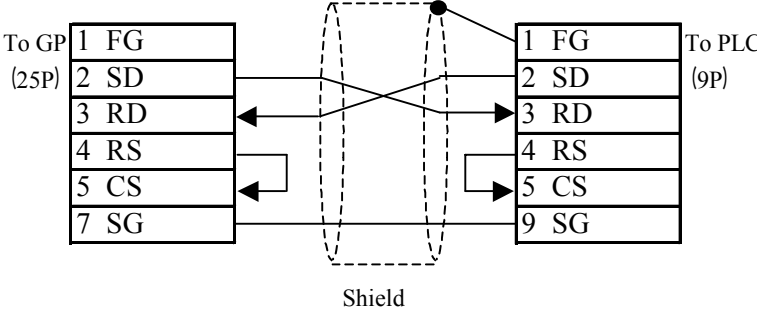
OMRON Corporation PLC

SYSMAC C Series Connection

Connection Method

1. RS-232C Connection

[RS-232C on CPU Unit / CPM1-CIF01 / CPM2C-CIF01]

Type	Connection Method	Distance
Using GP000-IS03-MS		3m
Using XW2Z-200S or XW2Z-500S by OMRON		2m 5m
Creating Cable		Within 15m

NOTE

While the above connection diagram differs slightly from the OMRON XW2Z-200S (2m) and XW2Z-500S (5m) RS-232C cables, the system will operate correctly using this design.

Recommended Products

Connector/Cover for GP	D-sub 25 pin Plug	XM2A-2501 <OMRON Co.>
	Cover for D-sub 25 pin	XM2S-2511 <OMRON Co.>
	Jack Screw	XM2Z-0071 <OMRON Co.>
Cable	H-9293A (CO-HC-ESV-3P*7/0.2) <Hirakawa Hewtech Corp.>	
Setscrew	Metric Coarse Screw Tread : M2.6 × 0.45	

2. RS-422 Connection

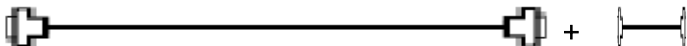
[CPM1-CIF11]

Type	Connection Method	Distance
Using GP230-IS11-O		5m
Using GP070-CN10-O		Within 500m
Creating Cable		Within 500m

Recommended Products

Connector/Cover for GP	D-sub 25 pin Plug	XM2A-2501	<OMRON Co.>
	Cover for D-sub 25 pin	XM2S-2511	<OMRON Co.>
	Jack Screw	XM2Z-0071	<OMRON Co.>
Cable	H-9293A (CO-HC-ESV-3P*7/0.2) <Hirakawa Hewtech Corp.>		
Setscrew	Metric Coarse Screw Tread : M2.6 × 0.45		

3. Isolation Cable CQM1-CIF01 and CS1W-CN114

Type	Connection Method	Distance
Using Combination of Isolation Cable CQM1-CIF01 by OMRON and Connector Conversion Cable CS1W-CN114		3.3m + 0.05m (Total 3.35m)



- ◆ Connect to a peripheral port.
- ◆ The CQM1-CPU11 has only one peripheral port, so a programming console cannot be used at the same time with the GP.
- ◆ If power to CQM1 is turned OFF while it is connected to the GP, "RUN" (operation) will stop. To change CQM1 to RUN mode when the power is turned back ON, change [Power ON Operation Mode Setting] of CQM1 to [RUN].