

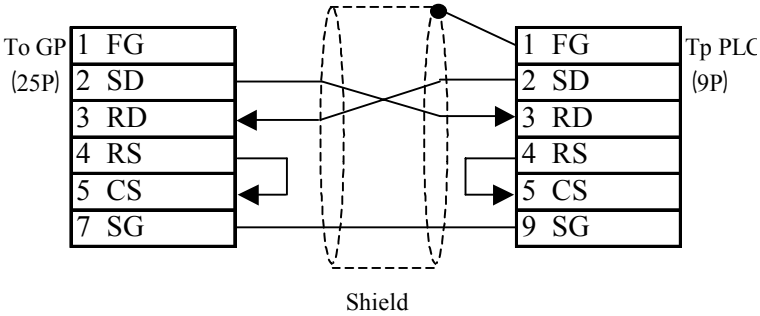
OMRON Corporation PLC

SYSMAC α Series Connection

Connection Method

1. RS-232C Connection

[RS-232C on CPU Unit / C200HW-COM06]

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 [C200HW-COM06]

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



- * Turn on the termination resistance switch on the PLC.
- * Names of Signal A and Signal B are opposite on the GP and the PLC.
- * One each of the connector and connector hood, listed below, are included with the CV500 / CV1000 CPU unit. Only these connectors listed below can be used.

Connector	XM2A-0901
Connector Hood	XM2S-0901

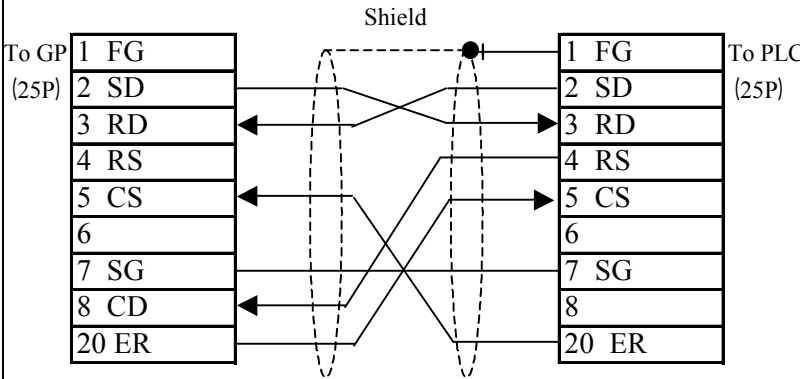
NOTE * When connecting the #9 and #10 pin on the GP Serial I/F, a termination resistance of 100 Ω is added between RDA and RDB.

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 $\times$ 0.45		

3. RS-232C Connection

[C200H-LK201-V1]

Type	Connection Method	Distance
Using GP410-IS00-O		5m
Creating Cable		Within 15m

NOTE

The option cable GP410-IS00-O is 5m. If you need a longer cable or shorter, please use a User-Created cable to connect.

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		

4. RS-422 Connection [C200H-LK202-V1]

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



- * Please make sure to connect SG.
- * Turn on the termination resistance switch on the PLC.
- * Names of Signal A and Signal B are opposite on the GP and the PLC.

NOTE

- * When connecting the #9 and #10 pin on the GP Serial I/F, a termination resistance of 100 Ω is added between RDA and RDB.

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 $\times$ 0.45		