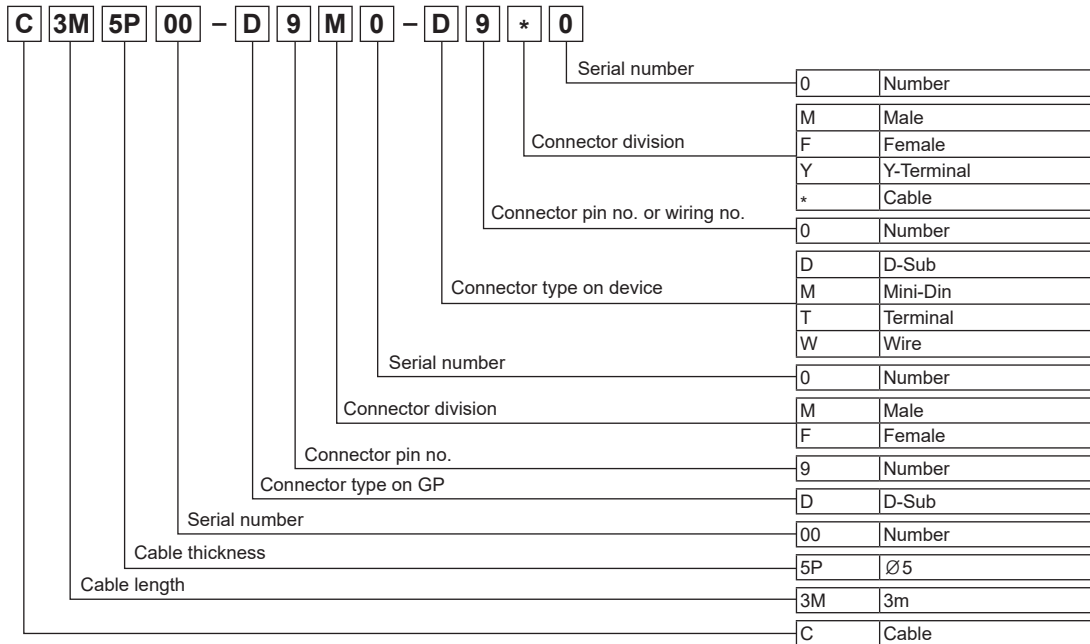


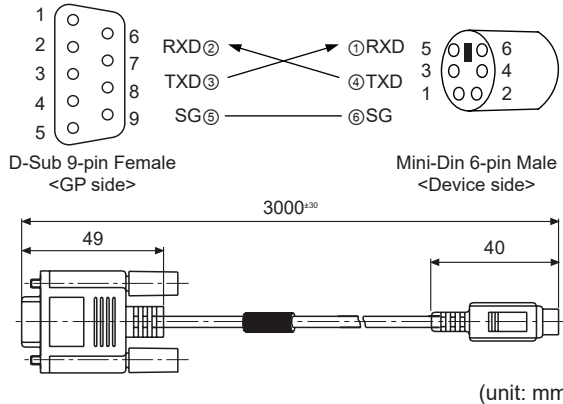
GP/LP Communication Cables

Ordering Information

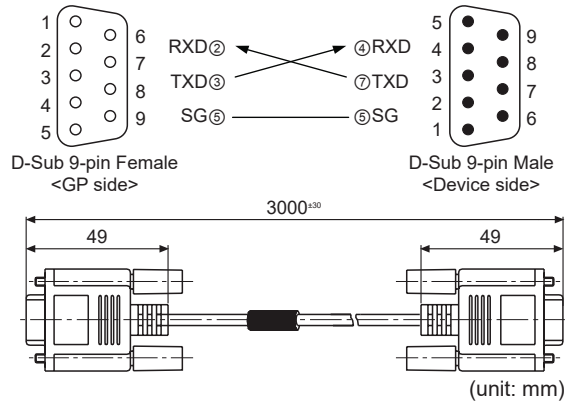


Communication Cable Wiring and Dimensions

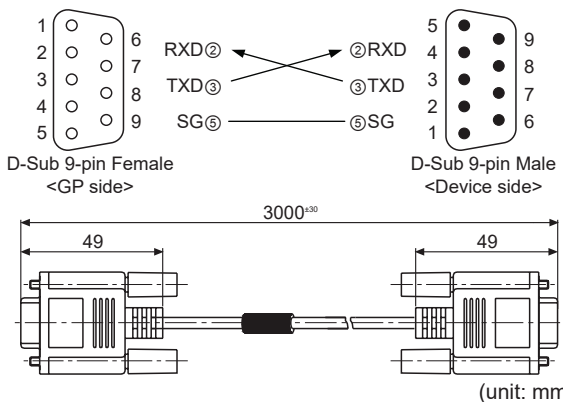
1. C3M5P00-D9F0-M6M0



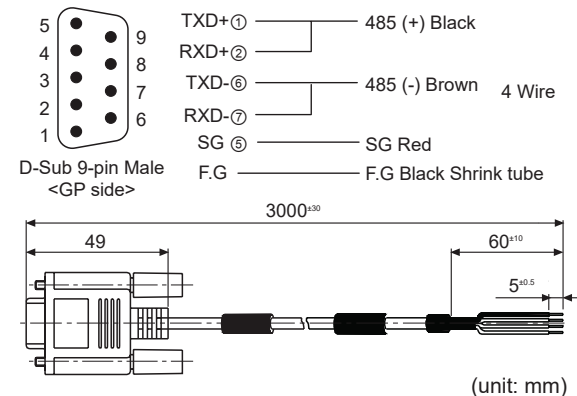
3. C3M5P02-D9F0-D9M0



2. C3M5P01-D9F0-D9M0

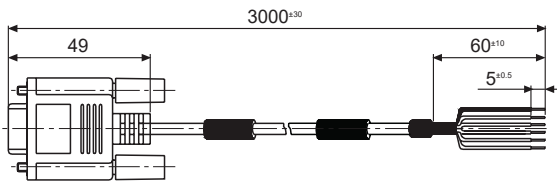
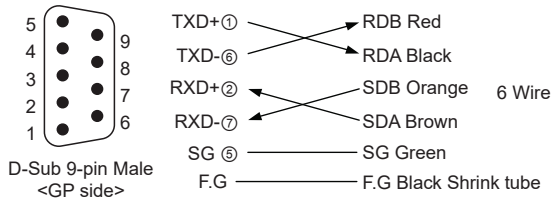


4. C3M5P03-D9M0-W4*0



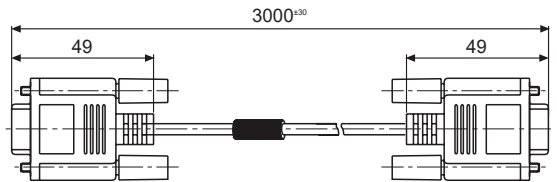
GP/LP Communication Cables

5. C3M5P04-D9M0-W6*0



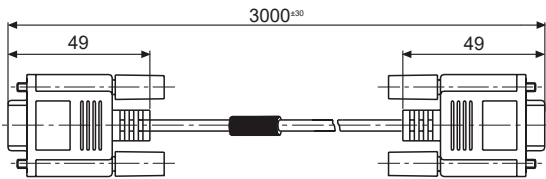
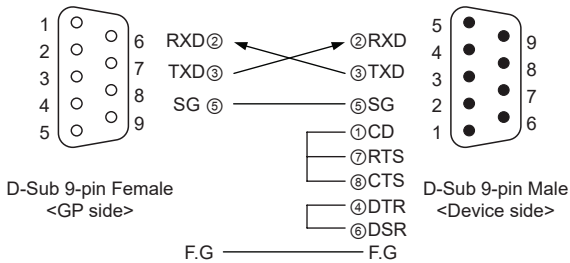
(unit: mm)

8. C3M5P07-D9F0-D9M0



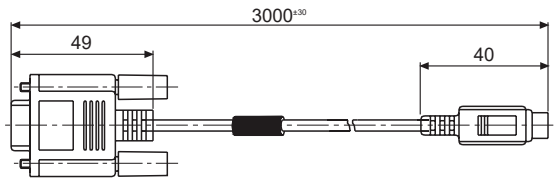
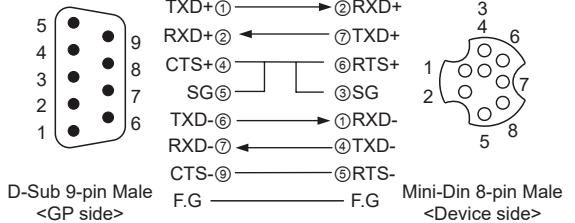
(unit: mm)

6. C3M5P05-D9F0-D9M0



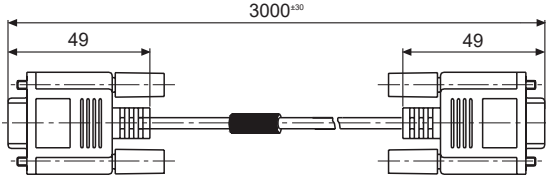
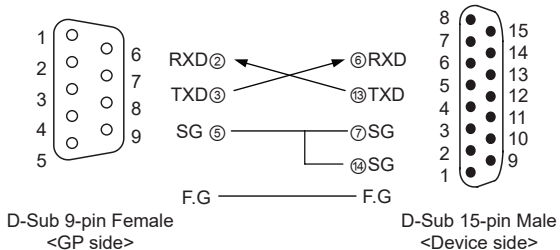
(unit: mm)

9. C3M5P08-D9M0-M8M0



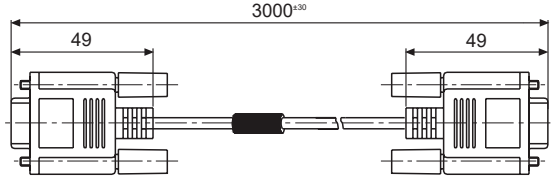
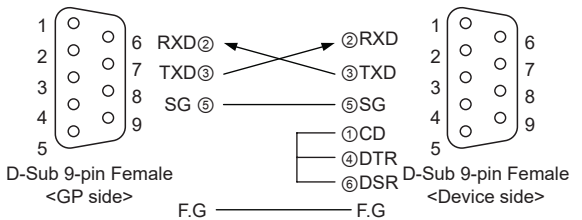
(unit: mm)

7. C3M5P06-D9F0-D15M0



(unit: mm)

10. C3M5P09-D9F0-D9F0



(unit: mm)

SENSORS

CONTROLLERS

MOTION DEVICES

SOFTWARE

(J) Temperature Controllers

(K) SSRs

(L) Power Controllers

(M) Counters

(N) Timers

(O) Digital Panel Meters

(P) Indicators

(Q) Converters

(R) Digital Display Units

(S) Sensor Controllers

(T) Switching Mode Power Supplies

(U) Recorders

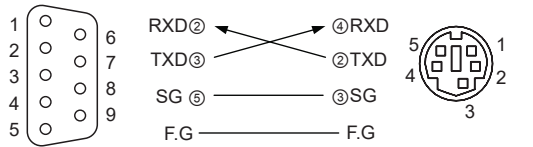
(V) HMIs

(W) Panel PC

(X) Field Network Devices

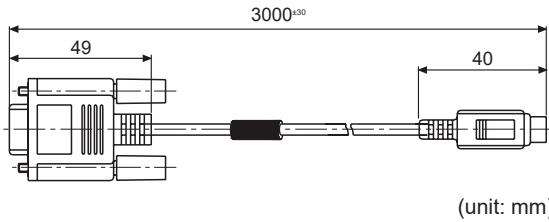
GP/LP Communication Cables

11. C3M5P10-D9F0-M5M0

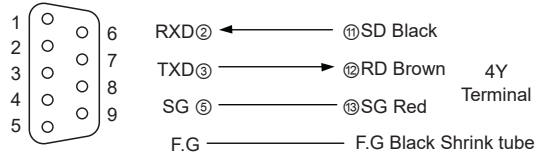


D-Sub 9-pin Female
<GP side>

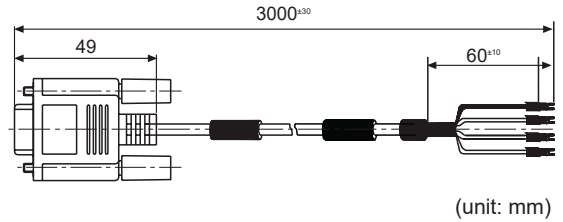
Mini-Din 5-pin Male
<Device side>



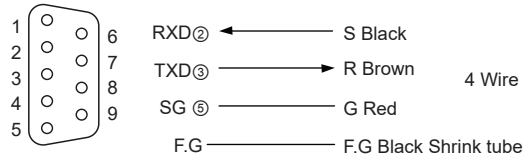
14. C3M5P13-D9F0-T4Y0



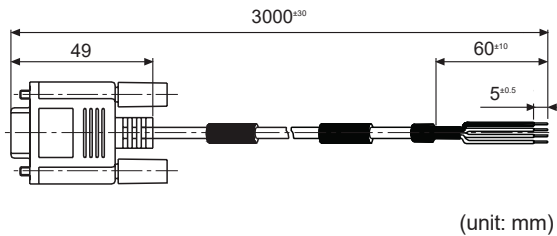
D-Sub 9-pin Female
<GP side>



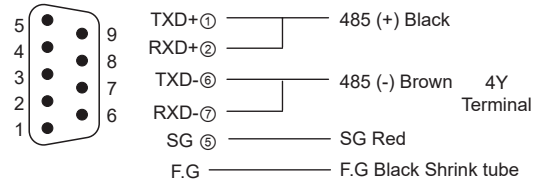
12. C3M5P11-D9F0-W4*0



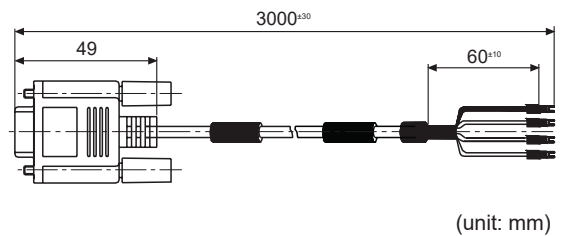
D-Sub 9-pin Female
<GP side>



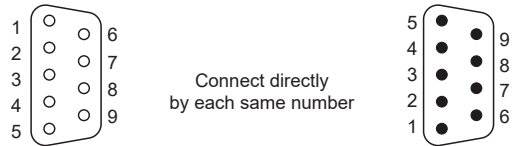
15. C3M5P03-D9M0-T4Y0



D-Sub 9-pin Male
<GP side>

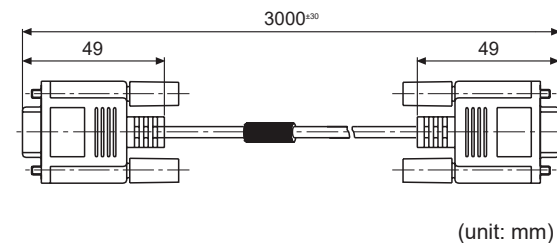


13. C3M5P12-D9F0-D9M1

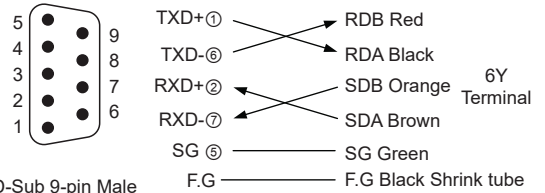


D-Sub 9-pin Female
<GP side>

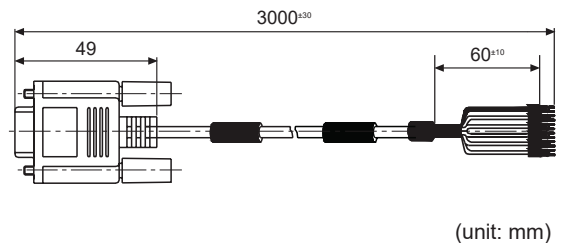
D-Sub 9-pin Male
<Device side>



16. C3M5P04-D9M0-T6Y0

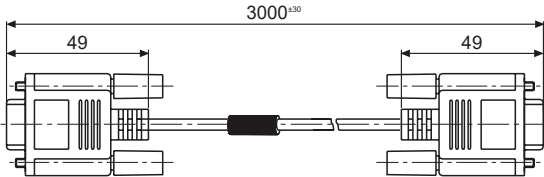
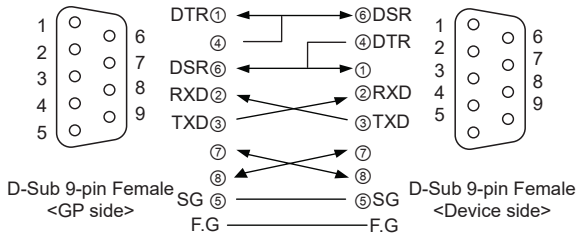


D-Sub 9-pin Male
<GP side>



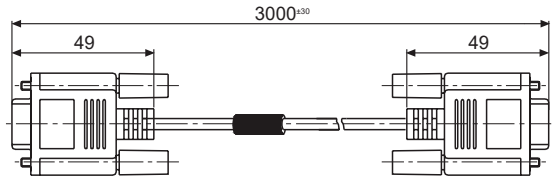
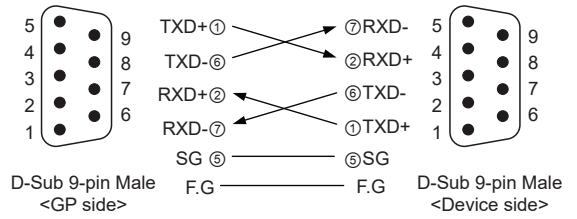
GP/LP Communication Cables

17. C3M5P14-D9F0-D9F0



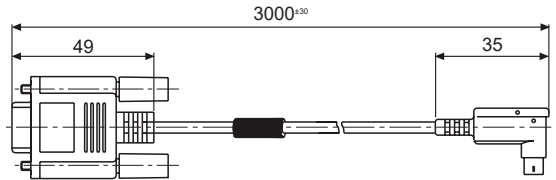
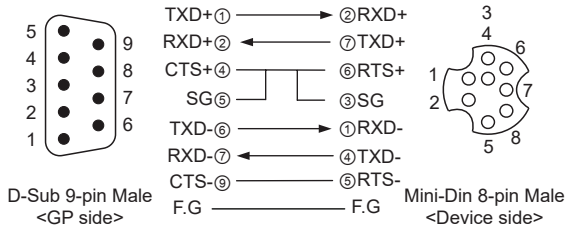
(unit: mm)

18. C3M5P15-D9M0-D9M0



(unit: mm)

19. C3M5P08-D9M0-M8M1



(unit: mm)

SENSORS
CONTROLLERS
MOTION DEVICES
SOFTWARE
(J) Temperature Controllers
(K) SSRs
(L) Power Controllers
(M) Counters
(N) Timers
(O) Digital Panel Meters
(P) Indicators
(Q) Converters
(R) Digital Display Units
(S) Sensor Controllers
(T) Switching Mode Power Supplies
(U) Recorders
(V) HMIs
(W) Panel PC
(X) Field Network Devices

GP/LP Communication Cables

■ Communication Cable for Connectable Devices

Manufacturer	Connectable device		Connecting module	Communication method	Communication cable model	No. of Wiring diagram	
	Series	Model					
Autonics	TK (temperature controller)		COM port	RS485	C3M5P03-D9M0-T4Y0	15	
	TM (temperature controller)		COM port	RS485	C3M5P03-D9M0-T4Y0	15	
	TMH (temperature controller)	TMH2 TMH4	CPU	RS485	C3M5P03-D9M0-T4Y0	15	
				RS422	C3M5P15-D9M0-D9M0	18	
		TMHC-22LE	Communication module	RS485	C3M5P03-D9M0-T4Y0	15	
				RS422	C3M5P15-D9M0-D9M0	18	
	TZ (temperature controller)		COM port	RS485	C3M5P03-D9M0-T4Y0	15	
	THD (temp./humi. sensor)		COM port	RS485	C3M5P03-D9M0-W4*0	4	
	CT (counter/timer)		COM port	RS485	C3M5P03-D9M0-T4Y0	15	
	MT (panel meter)		COM port	RS485	C3M5P03-D9M0-W4*0	4	
	MP (pulse meter)		COM port	RS485	C3M5P03-D9M0-W4*0	4	
	DS/DA (display unit)		COM port	RS485	C3M5P03-D9M0-W4*0	4	
	ARM (field network device)		COM port	RS485	C3M5P03-D9M0-W4*0	4	
	LP-S044, LP-S070, LP-A070, LP-A104 (logic panel)		CPU	RS232C	C3M5P14-D9F0-D9F0	17	
				RS422	C3M5P15-D9M0-D9M0	18	
				RS485	C3M5P03-D9M0-W4*0	4	
	LS	Master-K	MK-10S1	CPU	RS232C	C3M5P00-D9F0-M6M0	1
				CPU	RS232C	C3M5P01-D9F0-D9M0	2
MK-80S			Cnet module (G7L-CUEA)	RS232C	C3M5P05-D9F0-D9M0	6	
			Cnet module (G7L-CUEC)	RS422	C3M5P04-D9M0-T6Y0	16	
			MK-120S	CPU	RS232C	C3M5P01-D9F0-D9M0	2
				Embedded Cnet CPU	RS232C	C3M5P02-D9F0-D9M0	3
Embedded Cnet CPU				RS485	C3M5P03-D9M0-W4*0	4	
Cnet module (G7L-CUEA)				RS232C	C3M5P05-D9F0-D9M0	6	
					RS422	C3M5P04-D9M0-T6Y0	16
MK-200S			CPU	RS232C	C3M5P01-D9F0-D9M0	2	
			Embedded Cnet CPU	RS232C	C3M5P02-D9F0-D9M0	3	
			Embedded Cnet CPU	RS422	C3M5P04-D9M0-W6*0	5	
			Embedded Cnet CPU	RS485	C3M5P03-D9M0-W4*0	4	
			Cnet module (G6L-CUEA)	RS232C	C3M5P05-D9F0-D9M0	6	
			Cnet module (G6L-CUEC)	RS422	C3M5P04-D9M0-T6Y0	16	
MK-300S			CPU	RS232C	C3M5P01-D9F0-D9M0	2	
		RS422		C3M5P04-D9M0-T6Y0	16		
		Cnet module (G4L-CUEA)	RS232C	C3M5P05-D9F0-D9M0	6		
				RS422	C3M5P04-D9M0-T6Y0	16	
MK-1000S		CPU	RS232C	C3M5P01-D9F0-D9M0	2		
			RS232C	C3M5P05-D9F0-D9M0	6		
				RS422	C3M5P04-D9M0-T6Y0	16	
XGT		XGK-CPUU	CPU	RS232C	C3M5P01-D9F0-D9M0	2	
			CPU	RS232C	C3M5P01-D9F0-D9M0	2	
		XGK-CPUA	CPU	RS232C	C3M5P01-D9F0-D9M0	2	
			CPU	RS232C	C3M5P01-D9F0-D9M0	2	
		XGK-CPUS	Cnet module (XGL-C22A)	RS232C	C3M5P01-D9F0-D9M0	2	
			Cnet module (XGL-CH2A)	RS232C	C3M5P01-D9F0-D9M0	2	
			RS422	C3M5P04-D9M0-T6Y0	16		
	Cnet module (XGL-C42A)		RS422	C3M5P04-D9M0-T6Y0	16		
	XGK-CPUE	CPU	RS232C	C3M5P01-D9F0-D9M0	2		
	XGI-CPUU	CPU	RS232C	C3M5P01-D9F0-D9M0	2		
	XGI-CPUH	CPU	RS232C	C3M5P01-D9F0-D9M0	2		
	XGI-CPUS	CPU	RS232C	C3M5P01-D9F0-D9M0	2		
XGI-CPUE	CPU	RS232C	C3M5P01-D9F0-D9M0	2			
XGR-CPUH/T	CPU	RS232C	User made	-			
XGR-CPUH/F	CPU	RS232C	User made	-			
XGR-CPUH/S	CPU	RS232C	User made	-			
XGB	XEC(U)	CPU	RS232C	User made	-		
		CPU	RS232C	User made	-		
		CPU	RS232C	User made	-		
		CPU	RS232C	User made	-		
	XBM	Embedded Cnet CPU	RS232C	C3M5P13-D9F0-T4Y0	14		
			RS485	C3M5P03-D9M0-T4Y0	15		
XBC	Embedded Cnet CPU	RS232C	C3M5P13-D9F0-T4Y0	14			
		RS485	C3M5P03-D9M0-T4Y0	15			

GP/LP Communication Cables

Manufacturer	Connectable device		Connecting module	Communication method	Communication cable model	No. of Wiring diagram		
	Series	Model						
LS	Glofa	GM4	CPU	RS232C	C3M5P01-D9F0-D9M0	2		
		GM6	CPU	RS232C	C3M5P01-D9F0-D9M0	2		
		GM7U	CPU	RS232C	C3M5P01-D9F0-D9M0	2		
RS Automation (Samsung) OEMax	N70	CPU	CPU	RS232C	C3M5P06-D9F0-D15M0	7		
	N70Plus	CPU	CPU	RS232C	C3M5P07-D9F0-D9M0	8		
	NX7	CPU	CPU	RS232C	C3M5P07-D9F0-D9M0	8		
	NX70	CPU	CPU	RS232C	C3M5P07-D9F0-D9M0	8		
MITSUBISHI	FX	FX1S	CPU	RS422	C3M5P08-D9M0-M8M0	9		
			RS232C module (FX1S-232-BD)	RS232C	C3M5P09-D9F0-D9F0	10		
		FX1N	CPU	RS422	C3M5P08-D9M0-M8M0	9		
			RS232C module (FX1N-232-BD)	RS232C	C3M5P09-D9F0-D9F0	10		
		FX2NC	CPU	RS422	C3M5P08-D9M0-M8M0	9		
		FX2N	CPU	RS422	C3M5P08-D9M0-M8M0	9		
			RS232C module (FX2N-232-BD)	RS232C	C3M5P09-D9F0-D9F0	10		
		FX2N-10GM	CPU	RS422	User made	-		
		FX2N-20GM	CPU	RS422	User made	-		
		FX3U	CPU	RS422	C3M5P08-D9M0-M8M1	19		
		FX3UC	CPU	RS422	C3M5P08-D9M0-M8M1	19		
		FX3G	CPU	RS422	C3M5P08-D9M0-M8M1	19		
		MELSEC-Q	Q00J	Cnet module (QJ71C24N)		RS232C	C3M5P05-D9F0-D9M0	6
				Cnet module (QJ71C24N-R2)		RS422	C3M5P04-D9M0-W6*0	5
	Cnet module (QJ71C24N-R4)			RS232C	C3M5P05-D9F0-D9M0	6		
	Q00		Cnet module (QJ71C24N)		RS422	C3M5P04-D9M0-W6*0	5	
			Cnet module (QJ71C24N-R2)		RS232C	C3M5P05-D9F0-D9M0	6	
			Cnet module (QJ71C24N-R4)		RS422	C3M5P04-D9M0-W6*0	5	
	Q01		Cnet module (QJ71C24N)		RS232C	C3M5P05-D9F0-D9M0	6	
			Cnet module (QJ71C24N-R2)		RS422	C3M5P04-D9M0-W6*0	5	
			Cnet module (QJ71C24N-R4)		RS232C	C3M5P05-D9F0-D9M0	6	
	Q02		CPU	RS232C	C30R2 by MITSUBISHI	-		
			Cnet module (QJ71C24N)		RS232C	C3M5P05-D9F0-D9M0	6	
			Cnet module (QJ71C24N-R2)		RS422	C3M5P04-D9M0-W6*0	5	
	Q02H		Cnet module (QJ71C24N-R4)		RS232C	C3M5P05-D9F0-D9M0	6	
			CPU	RS232C	C30R2 by MITSUBISHI	-		
			Cnet module (QJ71C24N)		RS422	C3M5P04-D9M0-W6*0	5	
	Q06H		Cnet module (QJ71C24N-R2)		RS232C	C3M5P05-D9F0-D9M0	6	
			Cnet module (QJ71C24N-R4)		RS422	C3M5P04-D9M0-W6*0	5	
			CPU	RS232C	C30R2 by MITSUBISHI	-		
	Q12H		Cnet module (QJ71C24N)		RS232C	C3M5P05-D9F0-D9M0	6	
			Cnet module (QJ71C24N-R2)		RS422	C3M5P04-D9M0-W6*0	5	
			Cnet module (QJ71C24N-R4)		RS232C	C3M5P05-D9F0-D9M0	6	
	Q25H		Cnet module (QJ71C24N-R4)		RS422	C3M5P04-D9M0-W6*0	5	
			CPU	RS232C	C30R2 by MITSUBISHI	-		
			Cnet module (QJ71C24N)		RS232C	C3M5P05-D9F0-D9M0	6	
	Q00UJ		CPU	RS232C	C30R2 by MITSUBISHI	-		
	Q00U		CPU	RS232C	C30R2 by MITSUBISHI	-		
	Q01U		CPU	RS232C	C30R2 by MITSUBISHI	-		
	Q02U		CPU	RS232C	C30R2 by MITSUBISHI	-		
	Q03UD	CPU	RS232C	C30R2 by MITSUBISHI	-			
	Q04UDH	CPU	RS232C	C30R2 by MITSUBISHI	-			
	Q06UDH	CPU	RS232C	C30R2 by MITSUBISHI	-			
	Q10UDH	CPU	RS232C	C30R2 by MITSUBISHI	-			
	Q13UDH	CPU	RS232C	C30R2 by MITSUBISHI	-			
	Q20UDH	CPU	RS232C	C30R2 by MITSUBISHI	-			
	Q26UDH	CPU	RS232C	C30R2 by MITSUBISHI	-			

SENSORS

CONTROLLERS

MOTION DEVICES

SOFTWARE

(J) Temperature Controllers

(K) SSRs

(L) Power Controllers

(M) Counters

(N) Timers

(O) Digital Panel Meters

(P) Indicators

(Q) Converters

(R) Digital Display Units

(S) Sensor Controllers

(T) Switching Mode Power Supplies

(U) Recorders

(V) HMIs

(W) Panel PC

(X) Field Network Devices

GP/LP Communication Cables

Manufacturer	Connectable device		Connecting module	Communication method	Communication cable model	No. of Wiring diagram
	Series	Model				
MITSUBISHI	MELSEC-Q	Q03UDVCPU	CPU	Ethernet	Common Ethernet LAN cable	-
		Q04UDVCPU	CPU	Ethernet	Common Ethernet LAN cable	-
		Q06UDVCPU	CPU	Ethernet	Common Ethernet LAN cable	-
		Q10UDVCPU	CPU	Ethernet	Common Ethernet LAN cable	-
		Q13UDVCPU	CPU	Ethernet	Common Ethernet LAN cable	-
		Q20UDVCPU	CPU	Ethernet	Common Ethernet LAN cable	-
		Q26UDVCPU	CPU	Ethernet	Common Ethernet LAN cable	-
		QJ71E71-100	Ethernet Comm. module	Ethernet	Common Ethernet LAN cable	-
		QJ71E71-B5	Ethernet Comm. module	Ethernet	Common Ethernet LAN cable	-
	QJ71E71-B2	Ethernet Comm. module	Ethernet	Common Ethernet LAN cable	-	
Panasonic NAIS	FP	FP0-C16	CPU (Tool port)	RS232C	C3M5P10-D9F0-M5M0	11
			CPU (COM port)	RS232C	C3M5P11-D9F0-W4*0	12
		FP0-C32	CPU (Tool port)	RS232C	C3M5P10-D9F0-M5M0	11
			CPU (COM port)	RS232C	C3M5P11-D9F0-W4*0	12
		FP0-T32C	CPU (Tool port)	RS232C	C3M5P10-D9F0-M5M0	11
			CPU (COM port)	RS232C	C3M5P11-D9F0-W4*	12
		FPG-C24R2	CPU (Tool port)	RS232C	C3M5P10-D9F0-M5M0	11
			CPU (COM port)	RS232C	C3M5P11-D9F0-W4*0	12
		FPG-C32T	CPU (Tool port)	RS232C	C3M5P10-D9F0-M5M0	11
			CPU (COM port)	RS232C	C3M5P11-D9F0-W4*0	12
		FPG-C32T2	CPU (Tool port)	RS232C	C3M5P10-D9F0-M5M0	11
			CPU (COM port)	RS232C	C3M5P11-D9F0-W4*0	12
		FP0R-C10	CPU (Tool port)	RS232C	C3M5P10-D9F0-M5M0	11
			CPU (COM port)	RS232C	C3M5P11-D9F0-W4*0	12
		FP0R-C14	CPU (Tool port)	RS232C	C3M5P10-D9F0-M5M0	11
			CPU (COM port)	RS232C	C3M5P11-D9F0-W4*0	12
		FP0R-C16	CPU (Tool port)	RS232C	C3M5P10-D9F0-M5M0	11
			CPU (COM port)	RS232C	C3M5P11-D9F0-W4*0	12
		FP0R-C32	CPU (Tool port)	RS232C	C3M5P10-D9F0-M5M0	11
			CPU (COM port)	RS232C	C3M5P11-D9F0-W4*0	12
FP0R-T32	CPU (Tool port)	RS232C	C3M5P10-D9F0-M5M0	11		
	CPU (COM port)	RS232C	C3M5P11-D9F0-W4*0	12		
FP0R-F32	CPU (Tool port)	RS232C	C3M5P10-D9F0-M5M0	11		
	CPU (COM port)	RS232C	C3M5P11-D9F0-W4*0	12		
OMRON	SYSMAC C	CPM1A	CPU	RS232C	Communication with GP CQM1-CIF02 by OMRON	-
					as extension cable C3M5P12-D9F0-D9M1	13
	SYSMAC CS	CS1H	CPU	RS232C	User made	-
			Comm. module (Host Link)	RS232C/RS422	User made	-
			Ethernet Comm. module	Ethernet	Common Ethernet LAN cable	-
			CPU	RS232C	User made	-
			Comm. module (Host Link)	RS232C/RS422	User made	-
			Ethernet Comm. module	Ethernet	Common Ethernet LAN cable	-
		CS1D	CPU	RS232C	User made	-
			Comm. module (Host Link)	RS232C/RS422	User made	-
			Ethernet Comm. module	Ethernet	Common Ethernet LAN cable	-
			CPU	RS232C	User made	-
			Comm. module (Host Link)	RS232C/RS422	User made	-
			Ethernet Comm. module	Ethernet	Common Ethernet LAN cable	-
	SYSMAC CJ	CJ2H	CPU	RS232C	User made	-
			Comm. module (Host Link)	RS232C/RS422	User made	-
			Ethernet Comm. module	Ethernet	Common Ethernet LAN cable	-
		CJ2M	CPU	RS232C	User made	-
			Comm. module (Host Link)	RS232C/RS422	User made	-
CJ1G		Ethernet Comm. module	Ethernet	Common Ethernet LAN cable	-	
		CPU	RS232C	User made	-	
CJ1H		Comm. module (Host Link)	RS232C/RS422	User made	-	
		Ethernet Comm. module	Ethernet	Common Ethernet LAN cable	-	
CJ1M		CPU	RS232C	User made	-	
		Comm. module (Host Link)	RS232C/RS422	User made	-	
		Ethernet Comm. module	Ethernet	Common Ethernet LAN cable	-	

GP/LP Communication Cables

Manufacturer	Connectable device		Connecting module	Communication method	Communication cable model	No. of Wiring diagram
	Series	Model				
OMRON	SYSMAC CP	CP1E	CPU	RS232C	User made	-
			Comm. module (Host Link)	RS232C/RS422	User made	-
		CP1H	CPU	RS232C	User made	-
			Comm. module (Host Link)	RS232C/RS422	User made	-
		Ethernet Comm. module	Ethernet	Common Ethernet LAN cable	-	
		CP1L	CPU	RS232C	User made	-
	Comm. module (Host Link)		RS232C/RS422	User made	-	
	E5AN (temperature controller)	CPU	RS232C	C3M5P13-D9F0-T4Y0	14	
	E5AR (temperature controller)	CPU	RS485	C3M5P03-D9M0-T4Y0	15	
	E5CN (temperature controller)	CPU	RS485	C3M5P03-D9M0-T4Y0	15	
E5EN (temperature controller)	CPU	RS232C	C3M5P13-D9F0-T4Y0	14		
E5ER (temperature controller)	CPU	RS485	C3M5P03-D9M0-T4Y0	15		
SIEMENS	SIMATIC S7-200	CPU221	CPU	RS485	Cable by SIEMENS	-
		CPU222	CPU	RS485	Cable by SIEMENS	-
		CPU224	CPU	RS485	Cable by SIEMENS	-
		CPU224XP	CPU	RS485	Cable by SIEMENS	-
		CPU224Xpsi	CPU	RS485	Cable by SIEMENS	-
		CPU226	CPU	RS485	Cable by SIEMENS	-
	SIMATIC S7-300	CPU312	CPU	RS485	Cable by SIEMENS	-
		CPU312C	CPU	RS485	Cable by SIEMENS	-
		CPU313C	CPU	RS485	Cable by SIEMENS	-
		CPU313C-2	CPU	RS485	Cable by SIEMENS	-
		CPU314	CPU	RS485	Cable by SIEMENS	-
		CPU314C-2	CPU	RS485	Cable by SIEMENS	-
		CPU315-2	CPU	RS485	Cable by SIEMENS	-
	CPU317-2	CPU	RS485	Cable by SIEMENS	-	
	CPU319-3	CPU	RS485	Cable by SIEMENS	-	
SIMATIC S7-1200	CPU1211C	Comm. module CM1241RS422/485	RS485	User made	-	
	CPU1212C	Comm. module CM1241RS422/485	RS485	User made	-	
	CPU1214C	Comm. module CM1241RS422/485	RS485	User made	-	
	CPU1215C	Comm. module CM1241RS422/485	RS485	User made	-	
	CPU1217C	Comm. module CM1241RS422/485	RS485	User made	-	
Rockwell Automation, Allen-Bradley	MicroLogix	MicroLogix 1000	CPU	RS485	Cable by Allen-Bradley	-
		MicroLogix 1200	CPU	RS485	Cable by Allen-Bradley	-
		MicroLogix 1500	CPU	RS485	Cable by Allen-Bradley	-
KDT (CIMON)	BP Series	CPU	RS232C	User made	-	
	CP Series	CPU	RS232C RS485	User made	-	
		Comm. module CM1-SC02A, CM1-SC01A	RS232C	User made	-	
		Comm. module CM1-SC02A, CM1-SC01B	RS422/ RS485	User made	-	
	XP Series	CPU	RS232C RS485	User made	-	
		Comm. module CM1-SC02A, CM1-SC01A	RS232C	User made	-	
Comm. module CM1-SC02A, CM1-SC01B		RS422/ RS485	User made	-		
DELTA	DTB Series	COM port	RS485	C3M5P03-D9M0-T4Y0	15	
DANFOSS	FC200	COM port	RS485	C3M5P03-D9M0-T4Y0	15	
GP firmware download cable	COMPUTER	-	RS232C	C3M5P14-D9F0-D9F0	17	

SENSORS

CONTROLLERS

MOTION DEVICES

SOFTWARE

(J) Temperature Controllers

(K) SSRs

(L) Power Controllers

(M) Counters

(N) Timers

(O) Digital Panel Meters

(P) Indicators

(Q) Converters

(R) Digital Display Units

(S) Sensor Controllers

(T) Switching Mode Power Supplies

(U) Recorders

(V) HMIs

(W) Panel PC

(X) Field Network Devices