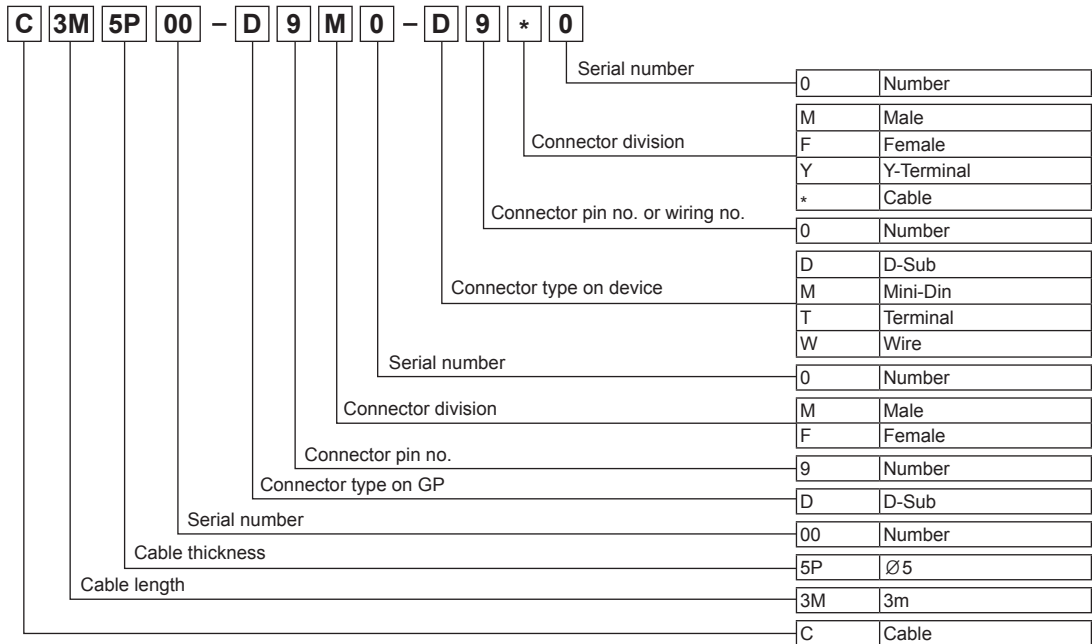


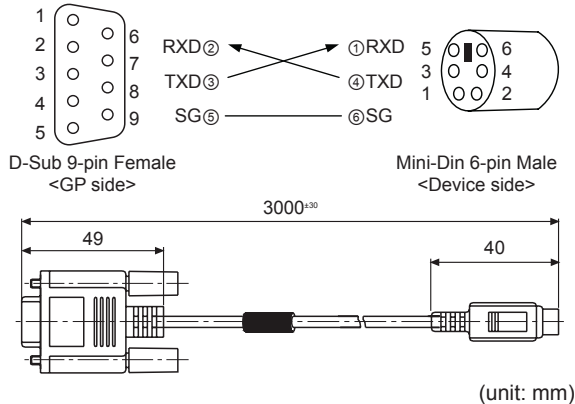
# GP/LP Communication Cables

## Ordering Information

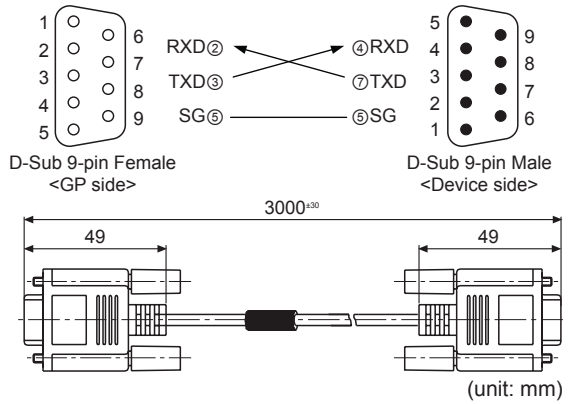


## Communication Cable Wiring And Dimensions

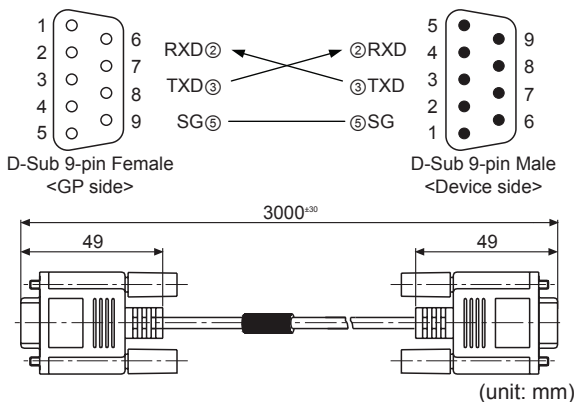
### 1. C3M5P00-D9F0-M6M0



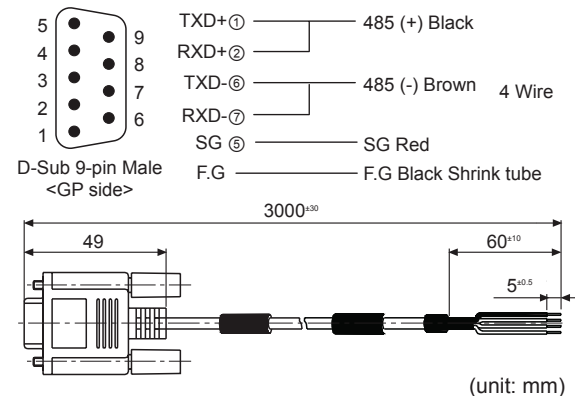
### 3. C3M5P02-D9F0-D9M0



### 2. C3M5P01-D9F0-D9M0



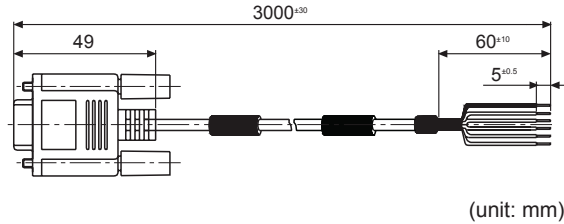
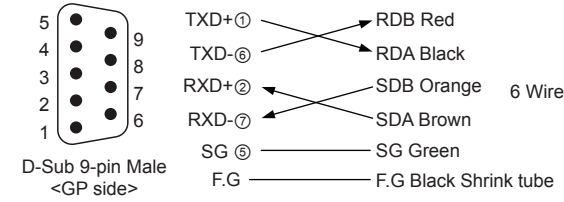
### 4. C3M5P03-D9M0-W4\*0



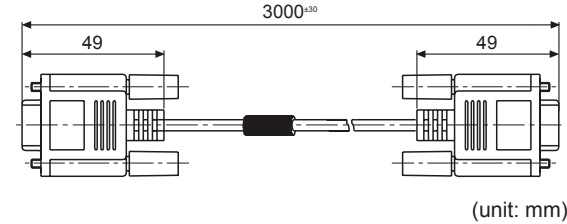
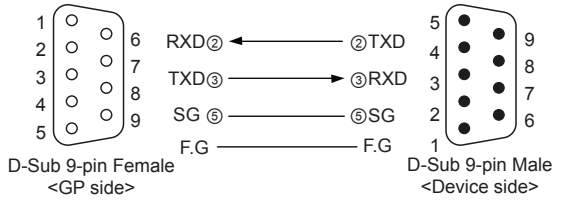
# GP/LP Communication Cables

## Communication Cable Wiring And Dimensions

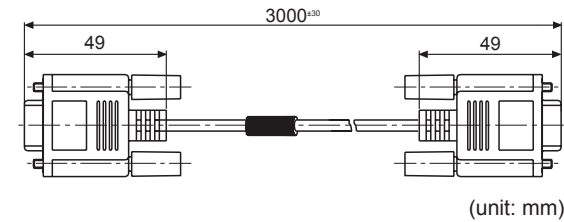
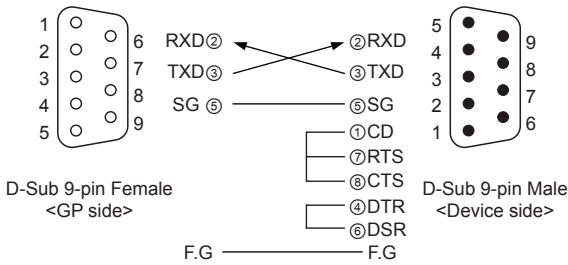
### 5. C3M5P04-D9M0-W6\*0



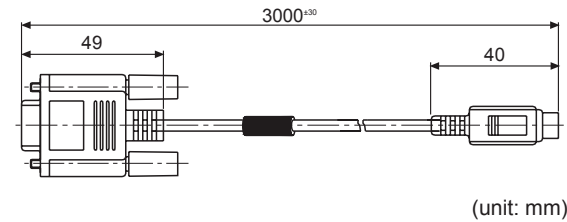
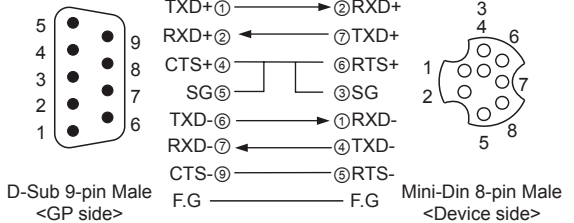
### 8. C3M5P07-D9F0-D9M0



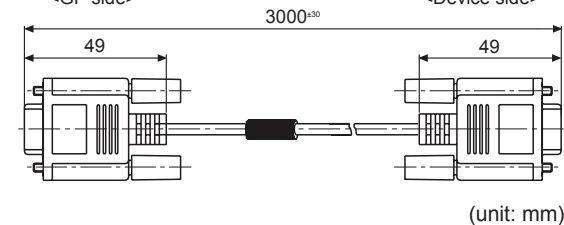
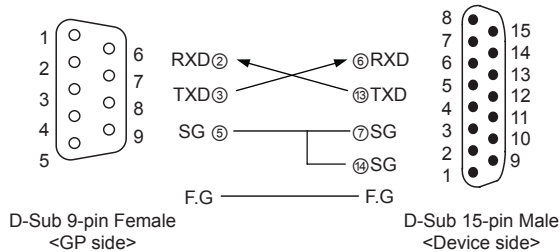
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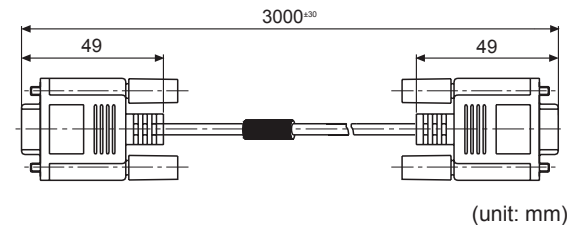
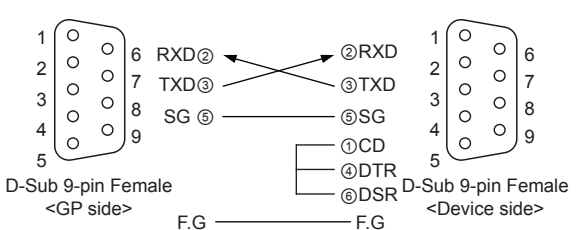
### 9. C3M5P08-D9M0-M8M0



### 7. C3M5P06-D9F0-D15M0



### 10. C3M5P09-D9F0-D9F0



(A) Photoelectric Sensors

(B) Fiber Optic Sensors

(C) Door/Area Sensors

(D) Proximity Sensors

(E) Pressure Sensors

(F) Rotary Encoders

(G) Connectors/ Connector Cables/ Sensor Distribution Boxes/ Sockets

(H) Temperature Controllers

(I) SSRs / Power Controllers

(J) Counters

(K) Timers

(L) Panel Meters

(M) Tacho / Speed / Pulse Meters

(N) Display Units

(O) Sensor Controllers

(P) Switching Mode Power Supplies

(Q) Stepper Motors & Drivers & Controllers

(R) Graphic/ Logic Panels

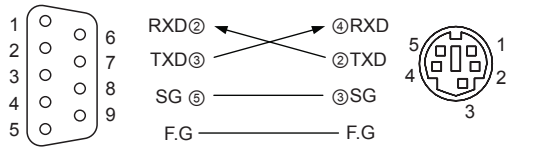
(S) Field Network Devices

(T) Software

# GP/LP Communication Cables

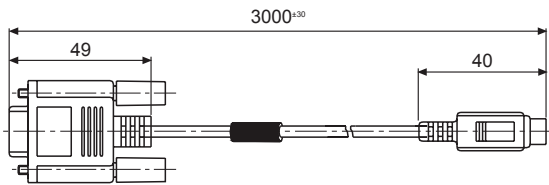
## Communication Cable Wiring And Dimensions

### 11. C3M5P10-D9F0-M5M0



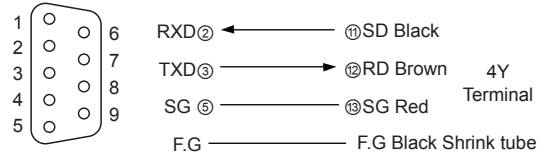
D-Sub 9-pin Female  
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Mini-Din 5-pin Male  
<Device side>

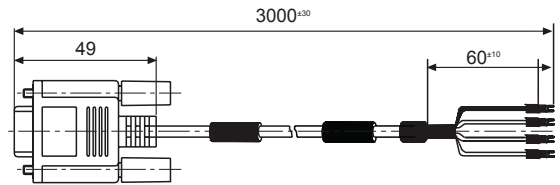


(unit: mm)

### 14. C3M5P13-D9F0-T4Y0

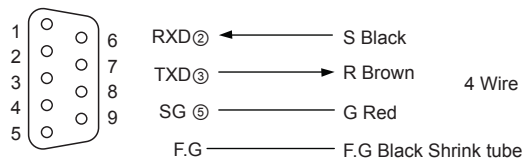


D-Sub 9-pin Female  
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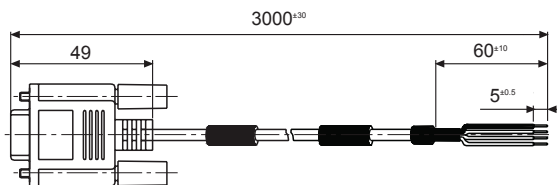


(unit: mm)

### 12. C3M5P11-D9F0-W4\*0

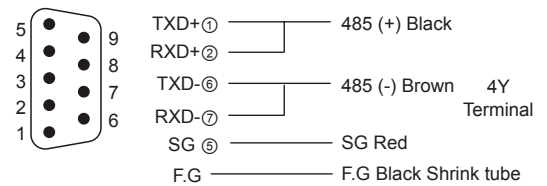


D-Sub 9-pin Female  
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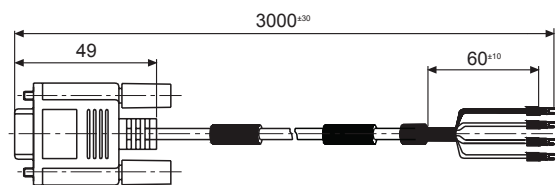


(unit: mm)

### 15. C3M5P03-D9M0-T4Y0

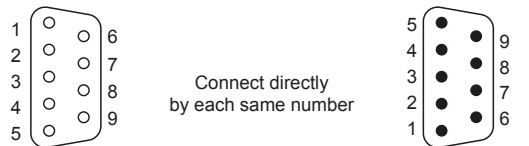


D-Sub 9-pin Male  
<GP side>



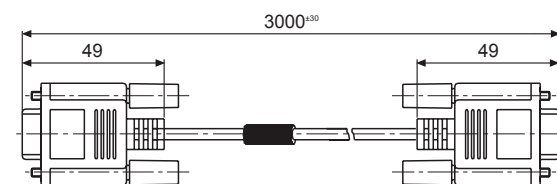
(unit: mm)

### 13. C3M5P12-D9F0-D9M1



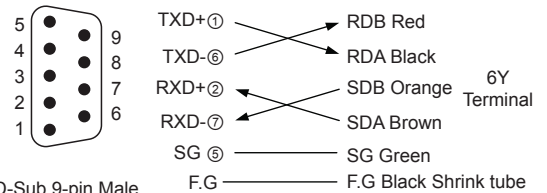
D-Sub 9-pin Female  
<GP side>

D-Sub 9-pin Male  
<Device side>

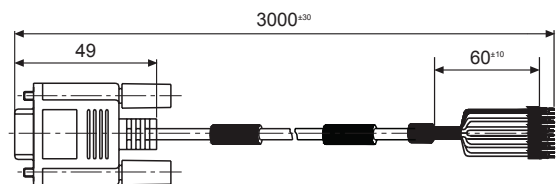


(unit: mm)

### 16. C3M5P04-D9M0-T6Y0



D-Sub 9-pin Male  
<GP side>

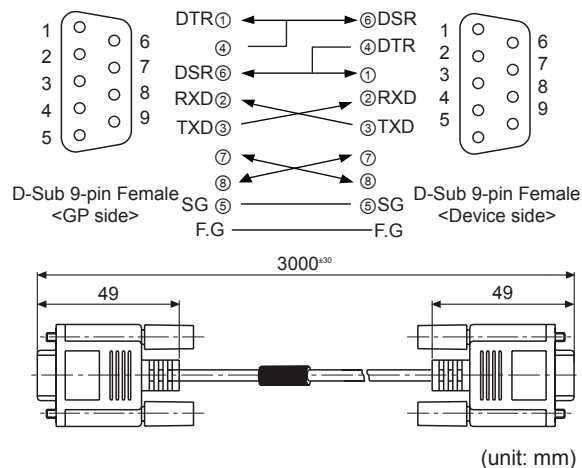


(unit: mm)

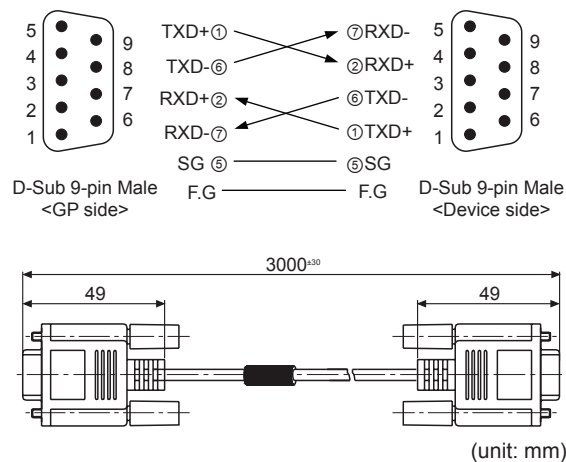
# GP/LP Communication Cables

## Communication Cable Wiring And Dimensions

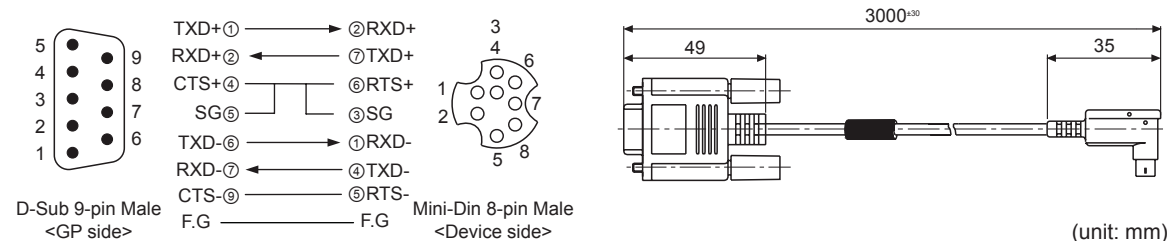
### 17. C3M5P14-D9F0-D9F0



### 18. C3M5P15-D9M0-D9M0



### 19. C3M5P08-D9M0-M8M1



## Communication Cable Able To Connect With GP/LP

Series	Connectable device	Connectable module	Connection type	Communication cable model	Connection diagram no.
LS Master-K	MK-10S1	CPU	RS232C	C3M5P00-D9F0-M6M0	1
	MK-80S	CPU	RS232C	C3M5P01-D9F0-D9M0	2
	MK-120S	CPU	RS232C	C3M5P01-D9F0-D9M0	2
	MK-200S	CPU	RS232C	C3M5P01-D9F0-D9M0	2
	MK-300S	CPU	RS232C	C3M5P01-D9F0-D9M0	2
	MK-1000S	CPU	RS232C	C3M5P01-D9F0-D9M0	2
LS Glofa	GM4	CPU	RS232C	C3M5P01-D9F0-D9M0	2
	GM6	CPU	RS232C	C3M5P01-D9F0-D9M0	2
	GM7U	CPU	RS232C	C3M5P01-D9F0-D9M0	2
LS Master-K CNET	MK-80S	Cnet module (G7L-CUEB)	RS232C	C3M5P05-D9F0-D9M0	6
		Cnet module (G7L-CUEC)	RS422	C3M5P04-D9M0-T6Y0	16
	MK-120S	CPU	RS232C	C3M5P02-D9F0-D9M0	3
		CPU	RS485	C3M5P03-D9M0-W4+0	4
		Cnet module (G7L-CUEA)	RS232C	C3M5P05-D9F0-D9M0	6
		Cnet module (G7L-CUEC)	RS422	C3M5P04-D9M0-T6Y0	16
	MK-200S	CPU	RS232C	C3M5P02-D9F0-D9M0	3
		CPU	RS422	C3M5P04-D9M0-W6+0	5
		CPU	RS485	C3M5P03-D9M0-W4+0	4
		Cnet module (G6L-CUEA)	RS232C	C3M5P05-D9F0-D9M0	6
	MK-200S	Cnet module (G6L-CUEC)	RS422	C3M5P04-D9M0-T6Y0	16
		Cnet module (G6L-CUEC)	RS422	C3M5P04-D9M0-T6Y0	16
MK-300S	G4L-CUEA	RS232C	C3M5P05-D9F0-D9M0	6	
MK-300S	G4L-CUEA	RS422	C3M5P04-D9M0-T6Y0	16	
	G4L-CUEA	RS422	C3M5P04-D9M0-T6Y0	16	
MK-1000S	G3L-CUEA	RS232C	C3M5P05-D9F0-D9M0	6	
		RS422	C3M5P04-D9M0-T6Y0	16	
		RS422	C3M5P04-D9M0-T6Y0	16	
LS XGT CNET	XGK-CPUS	XGL-C22A	RS232C	C3M5P01-D9F0-D9M0	2
		XGL-CH2A	RS232C	C3M5P01-D9F0-D9M0	2
		XGL-CH2A	RS422	C3M5P04-D9M0-T6Y0	16
		XGL-C42A	RS422	C3M5P04-D9M0-T6Y0	16

- (A) Photoelectric Sensors
- (B) Fiber Optic Sensors
- (C) Door/Area Sensors
- (D) Proximity Sensors
- (E) Pressure Sensors
- (F) Rotary Encoders
- (G) Connectors/ Connector Cables/ Sensor Distribution Boxes/ Sockets
- (H) Temperature Controllers
- (I) SSRs / Power Controllers
- (J) Counters
- (K) Timers
- (L) Panel Meters
- (M) Tacho / Speed / Pulse Meters
- (N) Display Units
- (O) Sensor Controllers
- (P) Switching Mode Power Supplies
- (Q) Stepper Motors & Drivers & Controllers
- (R) Graphic/ Logic Panels
- (S) Field Network Devices
- (T) Software

# GP/LP Communication Cables

## ■ Communication Cables By Connectable Devices

Series	Connectable device	Connectable module	Connection type	Communication cable model	Connection diagram no.
LS XGB CNET	XBM	CPU	RS232C	C3M5P13-D9F0-T4Y0	14
			RS485	C3M5P03-D9M0-T4Y0	15
	XBC	CPU	RS232C	C3M5P13-D9F0-T4Y0	14
			RS485	C3M5P03-D9M0-T4Y0	15
OEMAX (SAMSUNG)	N70	CPU	RS232C	C3M5P06-D9F0-D15M0	7
	N70 Plus	CPU	RS232C	C3M5P07-D9F0-D9M0	8
OEMAX FARA	NX7	CPU	RS232C	C3M5P07-D9F0-D9M0	8
	NX70	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	
FX3U	CPU	RS422	C3M5P08-D9M0-M8M1	19	
MITSUBISHI Q	Q00J	Expansion module (QJ71C24N)	RS232C	C3M5P05-D9F0-D9M0	6
			RS422	C3M5P04-D9M0-W6*0	5
		Expansion module (QJ71C24N-R2)	RS232C	C3M5P05-D9F0-D9M0	6
	Q00	Expansion module (QJ71C24N-R4)	RS422	C3M5P04-D9M0-W6*0	5
		Expansion module (QJ71C24N)	RS232C	C3M5P05-D9F0-D9M0	6
			RS422	C3M5P04-D9M0-W6*0	5
	Q01	Expansion module (QJ71C24N-R2)	RS232C	C3M5P05-D9F0-D9M0	6
			RS422	C3M5P04-D9M0-W6*0	5
		Expansion module (QJ71C24N-R4)	RS232C	C3M5P05-D9F0-D9M0	6
	Q02		RS422	C3M5P04-D9M0-W6*0	5
		Expansion module (QJ71C24N)	RS232C	C3M5P05-D9F0-D9M0	6
			RS422	C3M5P04-D9M0-W6*0	5
	Q02H	Expansion module (QJ71C24N-R2)	RS232C	C3M5P05-D9F0-D9M0	6
			RS422	C3M5P04-D9M0-W6*0	5
		Expansion module (QJ71C24N-R4)	RS422	C3M5P04-D9M0-W6*0	5
	Q06H	Expansion module (QJ71C24N)	RS232C	C3M5P05-D9F0-D9M0	6
			RS422	C3M5P04-D9M0-W6*0	5
		Expansion module (QJ71C24N-R2)	RS232C	C3M5P05-D9F0-D9M0	6
	Q12H	Expansion module (QJ71C24N-R4)	RS422	C3M5P04-D9M0-W6*0	5
		Expansion module (QJ71C24N)	RS232C	C3M5P05-D9F0-D9M0	6
			RS422	C3M5P04-D9M0-W6*0	5
	Q25H	Expansion module (QJ71C24N-R2)	RS232C	C3M5P05-D9F0-D9M0	6
			RS422	C3M5P04-D9M0-W6*0	5
		Expansion module (QJ71C24N-R4)	RS422	C3M5P04-D9M0-W6*0	5
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*0	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	

# GP/LP Communication Cables

## ■ Communication Cables By Connectable Devices

Series	Connectable device	Connectable module	Connection type	Communication cable model	Connection diagram no.
NAIS FP	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
SIEMENS SIMATIC S7-200	CPU221	CPU	RS485	Exclusive cable for SIEMENS	*
	CPU222	CPU	RS485	Exclusive cable for SIEMENS	*
	CPU224	CPU	RS485	Exclusive cable for SIEMENS	*
	CPU224XP	CPU	RS485	Exclusive cable for SIEMENS	*
	CPU224XPsi	CPU	RS485	Exclusive cable for SIEMENS	*
	CPU226	CPU	RS485	Exclusive cable for SIEMENS	*
SIEMENS SIMATIC S7-300	CPU312	CPU	RS485	Exclusive cable for SIEMENS	*
	CPU312C	CPU	RS485	Exclusive cable for SIEMENS	*
	CPU313C	CPU	RS485	Exclusive cable for SIEMENS	*
	CPU313C-2	CPU	RS485	Exclusive cable for SIEMENS	*
	CPU314	CPU	RS485	Exclusive cable for SIEMENS	*
	CPU314C-2	CPU	RS485	Exclusive cable for SIEMENS	*
	CPU315-2	CPU	RS485	Exclusive cable for SIEMENS	*
	CPU317-2	CPU	RS485	Exclusive cable for SIEMENS	*
	CPU319-3	CPU	RS485	Exclusive cable for SIEMENS	*
Allen-Bradley	MicroLogix 1000	CPU	RS485	Exclusive cable for Allen-Bradley	*
	MicroLogix 1200	CPU	RS485	Exclusive cable for Allen-Bradley	*
	MicroLogix 1500	CPU	RS232C	Exclusive cable for Allen-Bradley	*
OMRON SYSMAC C	CPM1A	CPU	RS232C	For communicate GP, OMRON CQM1-CIF02 For extension cable, C3M5P12-D9F0-D9M1	*
OMRON temperature controller	E5AN	CPU direct	RS232C	C3M5P13-D9F0-T4Y0	14
			RS485	C3M5P03-D9M0-T4Y0	15
	E5AR	CPU direct	RS485	C3M5P03-D9M0-T4Y0	15
	E5CN	CPU direct	RS485	C3M5P03-D9M0-T4Y0	15
	E5EN	CPU direct	RS232C	C3M5P13-D9F0-T4Y0	14
RS485			C3M5P03-D9M0-T4Y0	15	
E5ER	CPU direct	RS485	C3M5P03-D9M0-T4Y0	15	
Autonics	MT Series	COM port	RS485	C3M5P03-D9M0-W4*0	4
	MP Series	COM port	RS485	C3M5P03-D9M0-W4*0	4
	THD Series	COM port	RS485	C3M5P03-D9M0-W4*0	4
	TZ Series	COM port	RS485	C3M5P03-D9M0-T4Y0	15
	TK Series	COM port	RS485	C3M5P03-D9M0-T4Y0	15
	TM Series	COM port	RS485	C3M5P03-D9M0-T4Y0	15
	CT Series	COM port	RS485	C3M5P03-D9M0-T4Y0	15
	DS/DA Series	COM port	RS485	C3M5P03-D9M0-W4*0	4
	Remote I/O ARM Series	COM port	RS485	C3M5P03-D9M0-W4*0	4
	LP-S044, LP-S070	CPU	RS232C	C3M5P14-D9F0-D9F0	17
			RS422	C3M5P15-D9M0-D9M0	18
	DPU Series	COM port	RS485	C3M5P03-D9M0-W4*0	4
	KRN1000 Series	COM port	RS422/485	C3M5P04-D9M0-T6Y0	16
KRN100 Series	COM port	RS485	C3M5P03-D9M0-W4*0	4	
KRN50 Series	COM port	RS485	C3M5P03-D9M0-W4*0	4	
DELTA	DTB Series	COM port	RS485	C3M5P03-D9M0-T4Y0	15
DANFOSS	FC 200	COM port	RS485	C3M5P03-D9M0-T4Y0	15
GP firmware download cable	COMPUTER	*	RS232C	C3M5P14-D9F0-D9F0	17

(A)	Photoelectric Sensors
(B)	Fiber Optic Sensors
(C)	Door/Area Sensors
(D)	Proximity Sensors
(E)	Pressure Sensors
(F)	Rotary Encoders
(G)	Connectors/ Connector Cables/ Sensor Distribution Boxes/ Sockets
(H)	Temperature Controllers
(I)	SSRs / Power Controllers
(J)	Counters
(K)	Timers
(L)	Panel Meters
(M)	Tacho / Speed / Pulse Meters
(N)	Display Units
(O)	Sensor Controllers
(P)	Switching Mode Power Supplies
(Q)	Stepper Motors & Drivers & Controllers
(R)	Graphic/ Logic Panels
(S)	Field Network Devices
(T)	Software