# Host Link Cables (RS-232C Cables for Programmable Controller)

# XW2Z-DDP-V/S-V/S-C

## Ideal Cables for between Programmable Controllers and Host Computers







XW2Z Host Link Cable



- Host
- Personal computer
  Factory Intelligent Terminal
- Programmable Terminal

## **Ordering Information**

SYSMAC PLC Units	SYSMAC Host Link Cable (RS-232C Cabl	le for Programmable Controllers)		Host
STSMAC PLC UNITS	Wiring patterns	Cable length L *	Model	HOST
C20-LK201-V1 C500-LK203 C500-LK201-V1 C120-LK201-V1	D-sub, 25-pin Plug      D-sub, 9-pin Socket        PLC      Shield      Host        Connector Hood FG      1         FG      1         SD      2      2      RD        RD      3      SD      2	2 m	XW2Z-200P-V	
C200H-LK201 CV500-LK201 (Port 1, full-duplex mode)	RS      4      ER        CS      5      SG        DR      6      DR        SG      7      RS        :      :      :        ER      20	5 m	XW2Z-500P-V	
C200HS-CPU31/33/21/23 CQM1-CPU21 CQM1-CPU41 CQM1-CPU42 CQM1-CPU43 CQM1-CPU44 CV500/1000/2000 CVM1 CV500-LK201	D-sub, 9-pin Plug D-sub, 9-pin Socket PLC Shield Host Connector Hood FG 1 1 SD 2 RD RD 3 3 SD	2 m	XW2Z-200S-V	Personal
Communications port 2) C200HE-CPU42 C200HG-CPU43/63 C200HX-CPU44/64 C200HW-COM02 C200HW-COM04 C200HW-COM05 C200HW-COM06 CPM1-CIF01	RS  4    CS  5     6     7    RS  4    ER    5  SG    9	5 m	XW2Z-500S-V	IBM PC/AT or compatible
CJ-series CPU Units CS-series CPU Units	D-sub, 9-pin Plug      D-sub, 9-pin Socket        PLC      Shield      Host        Connector Hood FG       1        SD      2      2        RD      3      3      SD	2 m	XW2Z-200S-CV	
Serial Communications Unit	RS      4      ER        CS      5      SG         6      DR        DR      7      RS        ER      8      CS        SG      9	5 m	XW2Z-500S-CV	

SVSMAC BLC Units	Programmable Terminal	Heat			
SYSMAC PLC Units	Wiring patterns	Cable length L *	Model	– Host	
CQM1-CPU21 CQM1-CPU41 CQM1-CPU42 CQM1-CPU43 CQM1-CPU43 (Units with RS-232C port) C200HS-CPU31/33/21/23 CV500/1000/2000-CPU01 CVM4_CPU101/41	D-sub, 9-pin Plug PLC Connector Hood FG t t t t t t t t t t t t t t t t t t t	2 m	Terminal (	Programmable Terminal (PT):	
CVM1-CPU01/11 CV500-LK201 (Communications port 2) C200HE-CPU42 C200HX-CPU43/63 C200HX-CPU44/64 C200HW-COM02 C200HW-COM05 C200HW-COM05 C200HW-COM06 CPM1-CIF01	SD  2    RD  3    RS  4    CS  5    SG  9	5 m	XW2Z-500T	NT20S NT600S/NT620S/ NT620C NT30/NT30C	

\*Cable length L

## **Ratings and Specifications**

Item Type	XW2Z-□P/S/T		
Rated current	1 A		
Rated voltage	125 VAC		
Contact resistance	15 mΩ max. (at 20 mV, 100 mA max.) *1		
Insulation resistance	100 MΩ min. (at 500 VDC)		
Dielectric strength	500 VAC for 1 min (leakage current: 1 mA max.) *2		
Degree of protection	IP00		
Electrical protection class	Class 0		
Ambient operating temperature	-25 to 80°C		

\*1. Contact resistance of the Connector. \*2. Dielectric strength of the Connector.

### **Materials and Finish**

Item	Part name			Materials and finish	
		Housing		Fiber-glass reinforced PBT resin (UL94V-0)/milky white	
Connectors	XM3A-0921 XM3A-2521	Contacts	Mating ends	Brass/nickel base, 0.4-µm gold plating	
			Terminals	Brass/nickel base, 3-µm tin plating	
		Shell	цц	Steel/nickel plated	
	XM2S-0911/2511 Housing			ABS resin/nickel plated	
Cable	UL2464 Interface Cable			AWG28 or the equivalent	

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