

XS2F-M12_LED

Water- and Environment-resistive FA Connectors

Save Wiring and Maintenance Effort

- Compact FA connectors meet IP67 requirements and ensure a 94V-0 fire retardant rating.
- A wide array of connectors makes a wiring system more modular, simplifies maintenance, and reduces downtime.
- IEC61076-2-101(IEC60947-5-2)
- Lineup of connectors with LEDs for easy visual confirmation of Sensor operating status.



Ordering Information

Cable type	No. of cable cores	Cable outer diameter	Cable connection di- rection	Cable length (m)	LED	Model	
PVC	3	5.0 dia.	Right-angle	2	PNP	XS2F-M12PVC3A2MPLED	
				5		XS2F-M12PVC3A5MPLED	
				10		XS2F-M12PVC3A10MPLED	
				2	NPN	XS2F-M12PVC3A2MNPLED	
				5		XS2F-M12PVC3A5MNPLED	
				10		XS2F-M12PVC3A10MNPLED	
	4	5.4 dia		2	PNP	XS2F-M12PVC4A2MPLED	
				5		XS2F-M12PVC4A5MPLED	
				10		XS2F-M12PVC4A10MPLED	
PUR	3	4.3 dia		2		PNP	XS2F-M12PUR3A2MPLED
				5			XS2F-M12PUR3A5MPLED
				10			XS2F-M12PUR3A10MPLED
	4	4.7 dia		2			XS2F-M12PUR4A2MPLED
				5			XS2F-M12PUR4A5MPLED
				10			XS2F-M12PUR4A10MPLED

Ratings and Specifications

Item	XS2F-M12□□□□□□□□M	XS2F-M12□□□□□□□□A□□M□LED
Rated current	4A	
Rated voltage	125 VDC	24 VDC
Contact resistance (Connector)	40 mΩ max. (20 mV max., 100 mA max.)	
Insulation resistance	1,000 MΩ min. (at 500 VDC)	-
Dielectric strength (Connector)	AC 1,500 V 1 min. (leakage current: 1 mA max.)	-
Degree of protection	IP67 (IEC60529)	

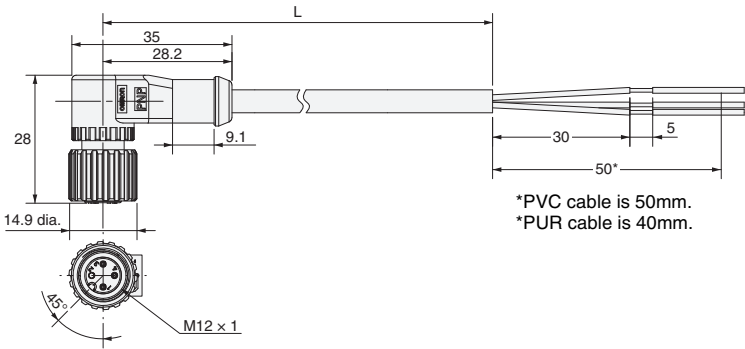
Materials and Finish

Contacts	Copper alloy/ nickel base, gold plating
Pin block	PBT resin (UL94 V-0)
Fixtures	Copper alloy/ nickel plating
Cover	PBT resin (UL94V-0)

Dimensions

(Unit: mm)

Right-angle



Wiring Diagram

3 Cores		4 Cores
NPN type	PNP type	PNP type