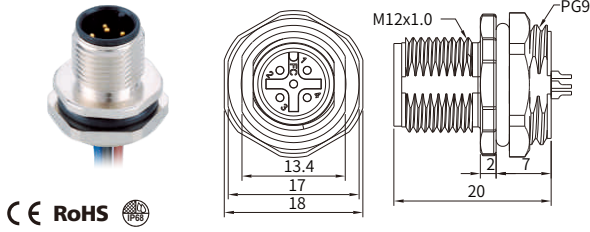


M12 A-coding (Sensor and Actuator)

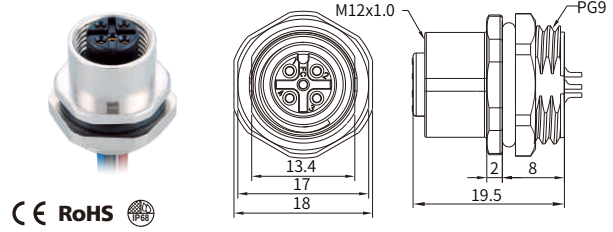


M12 A-coding Straight Connector, Panel Mount, Die-cast Screw, Solder, Rear fastened

Male



Female



Specifications

Contacts	3	4	5	8
Certification	c US CYJV2(CYJV8).E321413		UL LISTED CYJV(CYJV7).E321413	
Pin layout(Male)				
Pin layout(Female)				
Standard	IEC 61076-2-101			
Ambient temperature	-15°C~+85°C (flexible installation), -30°C~+85°C (fixed installation)			
Customized temperature	-25°C ~ +85°C (flexible installation), -40°C ~ +85°C (fixed installation)			
Connector insert	PA			
Connector contacts	Brass with gold plated			
Coupling nut/screw	Zinc alloy with nickel plated			
Seal/O-ring	Epoxy resin / FKM			
Insulation resistance	≥ 100MΩ			
Contact resistance	≤ 5mΩ			
Earth tag/pin	Unavailable			
IP rating	IP67, IP68 in locked condition			
Mating endurance	>500 cycles			
Rated current	4 A		2A	
Rated voltage	250V AC/DC		60V AC/DC 30V AC/DC	
Wire gauge	0.34mm² (AWG22)		0.25mm²(AWG24)	
Panel cut-out	Refer to page 384			

Part Number

Pins	Cable length	Male	Female
		PG9	PG9
3	0.1m	MB12MSARHD03ST-33401	MB12FSARHD03ST-33401
	0.3m	MB12MSARHD03ST-33403	MB12FSARHD03ST-33403
4	0.1m	MB12MSARHD04ST-33401	MB12FSARHD04ST-33401
	0.3m	MB12MSARHD04ST-33403	MB12FSARHD04ST-33403
5	0.1m	MB12MSARHD05ST-33401	MB12FSARHD05ST-33401
	0.3m	MB12MSARHD05ST-33403	MB12FSARHD05ST-33403
8	0.1m	MB12MSARHD08ST-32501	MB12FSARHD08ST-32501
	0.3m	MB12MSARHD08ST-32503	MB12FSARHD08ST-32503

Default wire colors

Pin No.				
Pin 1	BN	BN	BN	WH
Pin 2		WH	WH	BN
Pin 3	BU	BU	BU	GN
Pin 4	BK	BK	BK	YE
Pin 5			GY	GY
Pin 6				PK
Pin 7				BU
Pin 8				RD