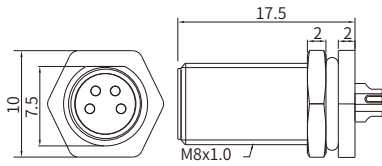


M8 A-coding (Sensor and Actuator)



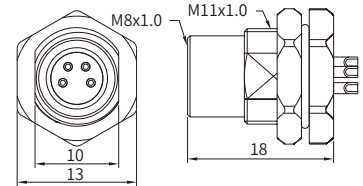
M8 A-coding Straight Connector, Panel Mount, Solder, Front fastened

Male



CE RoHS

Female



CE RoHS

Specifications

Contacts	3	4	6	8
Certification	UL LISTED CYJV(CYJV7).E321413			
Pin layout(Male)				
Pin layout(Female)				
Standard	IEC 61076-2-104			
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	TPU			
Connector contacts	Brass with gold plated			
Coupling nut/screw	Brass with nickel plated			
Seal/O-ring	Epoxy resin / FKM			
Insulation resistance	≥ 100MΩ			
Contact resistance	≤ 5mΩ			
Earth tag/pin	Unavailable			
IP rating	IP67 in locked condition			
Mating endurance	>500 cycles			
Rated current	3 A		1.5 A	
Rated voltage	50V AC/ 60V DC		30V	
Wire gauge	0.25mm ² (AWG24)		0.14mm ² (AWG26)	
Panel cut-out	Refer to page 101			

Part Number

Pins	wire length	Male	Female
3	0.1m	MB08MSAFF03ST-2501	MB08FSAFF03ST-2501
	0.3m	MB08MSAFF03ST-2503	MB08FSAFF03ST-2503
4	0.1m	MB08MSAFF04ST-2501	MB08FSAFF04ST-2501
	0.3m	MB08MSAFF04ST-2503	MB08FSAFF04ST-2503
6	0.1m	MB08MSAFF06ST-1401	MB08FSAFF06ST-1401
	0.3m	MB08MSAFF06ST-1403	MB08FSAFF06ST-1403
8	0.1m	MB08MSAFF08ST-1401	MB08FSAFF08ST-1401
	0.3m	MB08MSAFF08ST-1403	MB08FSAFF08ST-1403

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			RK	RK
Pin 7				BU
Pin 8				RD