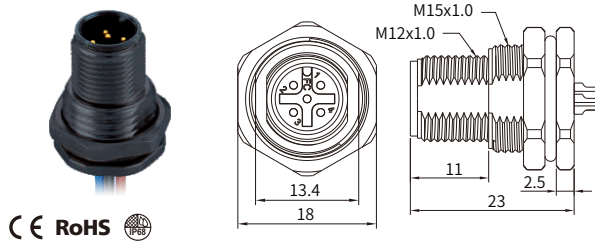


M12 A-coding (Sensor and Actuator)

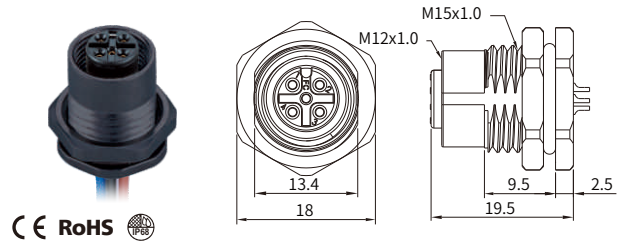


M12 A-coding Straight Connector, Panel Mount, Plastic Solder, Front fastened

Male



Female



Specifications

Contacts	3	4	5	8
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	PA+GF			
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			30V AC/DC
Wire gauge	0.34mm ² (AWG22)			0.25mm ² (AWG24)
Panel cut-out	Refer to page 384			

Part Number

Pins	Cable length	Male	Female
		M15x1.0	M15x1.0
3	0.1m	MB12MSAFP03ST-13401	MB12FSAFP03ST-13401
	0.3m	MB12MSAFP03ST-13403	MB12FSAFP03ST-13403
4	0.1m	MB12MSAFP04ST-13401	MB12FSAFP04ST-13401
	0.3m	MB12MSAFP04ST-13403	MB12FSAFP04ST-13403
5	0.1m	MB12MSAFP05ST-13401	MB12FSAFP05ST-13401
	0.3m	MB12MSAFP05ST-13403	MB12FSAFP05ST-13403
8	0.1m	MB12MSAFP08ST-12501	MB12FSAFP08ST-12501
	0.3m	MB12MSAFP08ST-12503	MB12FSAFP08ST-12503

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