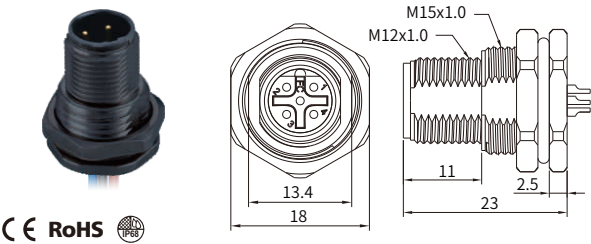


M12 B-coding (Profibus)

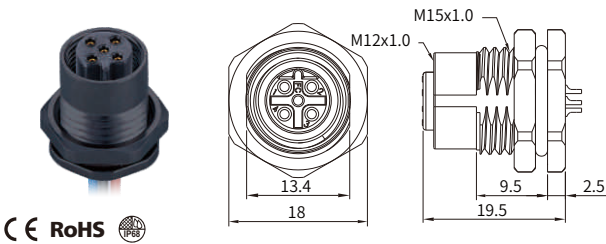


M12 B-coding Straight Connector, Panel Mount, Plastic Solder, Front fastened

Male



Female



Specifications

Contacts	3	4	5
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		
Rated voltage	250V AC/DC		60V AC/DC
Wire gauge	0.34mm ² (AWG22)		
Panel cut-out	Refer to page 384		

Part Number

Pins	Cable length	Male	Female
		M15x1.0	M15x1.0
3	0.1m	MB12MSBFP03ST-11034	MB12FSBFP03ST-11034
	0.3m	MB12MSBFP03ST-13034	MB12FSBFP03ST-13034
4	0.1m	MB12MSBFP04ST-11034	MB12FSBFP04ST-11034
	0.3m	MB12MSBFP04ST-13034	MB12FSBFP04ST-13034
5	0.1m	MB12MSBFP05ST-11034	MB12FSBFP05ST-11034
	0.3m	MB12MSBFP05ST-13034	MB12FSBFP05ST-13034

Default wire colors

Pin No.			Profibus
Pin 1	BN	BN	BN
Pin 2		WH	WH GN
Pin 3	BU	BU	BU
Pin 4	BK	BK	BK RD
Pin 5			GY