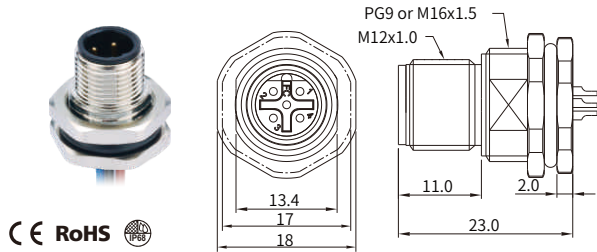


# M12 B-coding (Profibus)

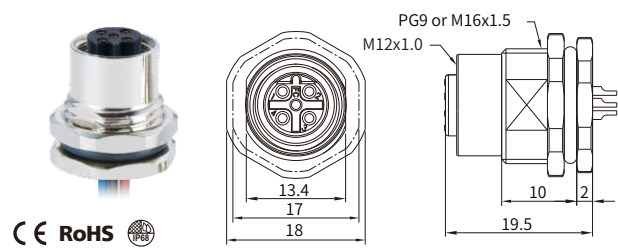


## M12 B-coding Straight Connector, Panel Mount, Solder, Front fastened

Male



Female



### Specifications

Contacts	3	4	5
Certification	cULus CYJV2(CYJV8).E321413		cULus 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	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, IP68 in locked condition		
Mating endurance	>500 cycles		
Rated current	4 A		
Rated voltage	250V AC/DC		60V AC/DC
Wire gauge	0.34mm <sup>2</sup> (AWG22)		
Panel cut-out	Refer to page 384		

### Part Number

Pins	Cable length	Male		Female	
		M16x1.5	PG9	M16x1.5	PG9
3	0.1m	MB12MSBFF03ST-23401	MB12MSBFF03ST-33401	MB12FSBFF03ST-23401	MB12FSBFF03ST-33401
	0.3m	MB12MSBFF03ST-23403	MB12MSBFF03ST-33403	MB12FSBFF03ST-23403	MB12FSBFF03ST-33403
4	0.1m	MB12MSBFF04ST-23401	MB12MSBFF04ST-33401	MB12FSBFF04ST-23401	MB12FSBFF04ST-33401
	0.3m	MB12MSBFF04ST-23403	MB12MSBFF04ST-33403	MB12FSBFF04ST-23403	MB12FSBFF04ST-33403
5	0.1m	MB12MSBFF05ST-23401	MB12MSBFF05ST-33401	MB12FSBFF05ST-23401	MB12FSBFF05ST-33401
	0.3m	MB12MSBFF05ST-23403	MB12MSBFF05ST-33403	MB12FSBFF05ST-23403	MB12FSBFF05ST-33403

### Default wire colors

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