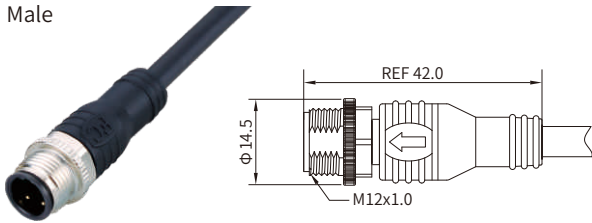


M12 B-coding (Profibus)

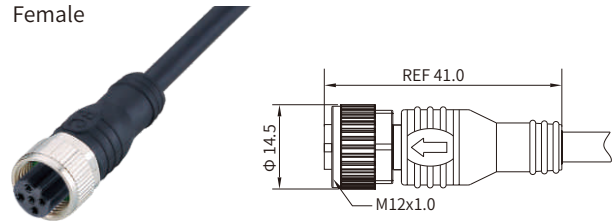


M12 B-coding Straight Connector, Molded Cable

Male



Female



Specifications

Contacts	3	4	5
Certification	US CYJV2(CYJV8).E321413		
Pin layout(Male)			
Pin layout(Female)			
Standard	IEC 61076-2-101		
Ambient temperature	-25°C ~ +85°C (flexible installation), -40°C ~ +85°C (fixed installation)		
Connector insert	TPU		
Connector contacts	Brass with gold plated		
Connector overmold	TPU		
Coupling nut/screw	Zinc alloy with nickel plated		
Seal/O-ring(of Female)	FKM		
Insulation resistance	≥ 100MΩ		
Contact resistance	≤ 5mΩ		
Shielding	Unavailable		
IP rating	IP67, IP68, IP69K in locked condition		
Mating endurance	>500 cycles		
Rated current	4 A		
Rated voltage	250V AC/DC		60V AC/DC
Wire gauge	0.34 mm ² (AWG 22)		

Part Number

Pins	Cable length	Male		Female	
		PVC	PUR	PVC	PUR
3	1m	MA12MBHD03ST-10CB34	MA12MBHD03ST-10RB34	MA12FBHD03ST-10CB34	MA12FBHD03ST-10RB34
	3m	MA12MBHD03ST-30CB34	MA12MBHD03ST-30RB34	MA12FBHD03ST-30CB34	MA12FBHD03ST-30RB34
	5m	MA12MBHD03ST-50CB34	MA12MBHD03ST-50RB34	MA12FBHD03ST-50CB34	MA12FBHD03ST-50RB34
4	1m	MA12MBHD04ST-10CB34	MA12MBHD04ST-10RB34	MA12FBHD04ST-10CB34	MA12FBHD04ST-10RB34
	3m	MA12MBHD04ST-30CB34	MA12MBHD04ST-30RB34	MA12FBHD04ST-30CB34	MA12FBHD04ST-30RB34
	5m	MA12MBHD04ST-50CB34	MA12MBHD04ST-50RB34	MA12FBHD04ST-50CB34	MA12FBHD04ST-50RB34
5	1m	MA12MBHD05ST-10CB34	MA12MBHD05ST-10RB34	MA12FBHD05ST-10CB34	MA12FBHD05ST-10RB34
	3m	MA12MBHD05ST-30CB34	MA12MBHD05ST-30RB34	MA12FBHD05ST-30CB34	MA12FBHD05ST-30RB34
	5m	MA12MBHD05ST-50CB34	MA12MBHD05ST-50RB34	MA12FBHD05ST-50CB34	MA12FBHD05ST-50RB34

Default wire colors

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