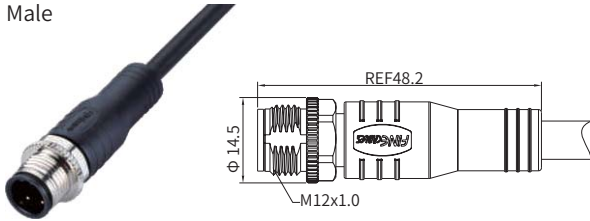


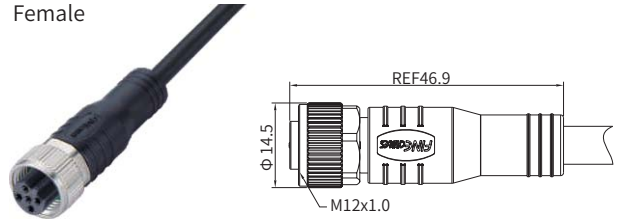
M12 B-coding Straight Connector, Molded Cable, Shielded

Male



CE RoHS

Female



CE RoHS

Specifications

Contacts	3	4	5
Certification	UL 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+GF		
Coupling nut/screw	Zinc alloy with nickel plated		
Seal/O-ring(of Female)	FKM		
Insulation resistance	≥100MΩ		
Contact resistance	≤5mΩ		
Shielding	Available		
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	MA12MSBHD03ST-10CB34	MA12MSBHD03ST-10RB34	MA12FSBHD03ST-10CB34	MA12FSBHD03ST-10RB34
	3m	MA12MSBHD03ST-30CB34	MA12MSBHD03ST-30RB34	MA12FSBHD03ST-30CB34	MA12FSBHD03ST-30RB34
	5m	MA12MSBHD03ST-50CB34	MA12MSBHD03ST-50RB34	MA12FSBHD03ST-50CB34	MA12FSBHD03ST-50RB34
4	1m	MA12MSBHD04ST-10CB34	MA12MSBHD04ST-10RB34	MA12FSBHD04ST-10CB34	MA12FSBHD04ST-10RB34
	3m	MA12MSBHD04ST-30CB34	MA12MSBHD04ST-30RB34	MA12FSBHD04ST-30CB34	MA12FSBHD04ST-30RB34
	5m	MA12MSBHD04ST-50CB34	MA12MSBHD04ST-50RB34	MA12FSBHD04ST-50CB34	MA12FSBHD04ST-50RB34
5	1m	MA12MSBHD05ST-10CB34	MA12MSBHD05ST-10RB34	MA12FSBHD05ST-10CB34	MA12FSBHD05ST-10RB34
	3m	MA12MSBHD05ST-30CB34	MA12MSBHD05ST-30RB34	MA12FSBHD05ST-30CB34	MA12FSBHD05ST-30RB34
	5m	MA12MSBHD05ST-50CB34	MA12MSBHD05ST-50RB34	MA12FSBHD05ST-50CB34	MA12FSBHD05ST-50RB34

Default wire colors

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