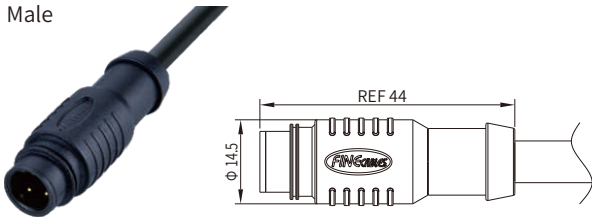


# M12 B-coding (Profibus)

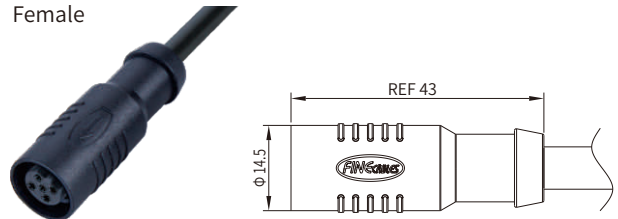


## M12 B-coding Straight Connector, Molded Cable, Snap-in Type

Male



Female



### Specifications

Contacts	3	4	5
Pin layout(Male)			
Pin layout(Female)			
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		
Insulation resistance	≥ 100MΩ		
Contact resistance	≤ 5mΩ		
Shielding	Unavailable		
IP rating	IP65 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)		

### Part Number

Pins	Cable length	Male		Female	
		PVC	PUR	PVC	PUR
3	1m	MA12MBI03ST-10CB34	MA12MBI03ST-10RB34	MA12FBI03ST-10CB34	MA12FBI03ST-10RB34
	3m	MA12MBI03ST-30CB34	MA12MBI03ST-30RB34	MA12FBI03ST-30CB34	MA12FBI03ST-30RB34
	5m	MA12MBI03ST-50CB34	MA12MBI03ST-50RB34	MA12FBI03ST-50CB34	MA12FBI03ST-50RB34
4	1m	MA12MBI04ST-10CB34	MA12MBI04ST-10RB34	MA12FBI04ST-10CB34	MA12FBI04ST-10RB34
	3m	MA12MBI04ST-30CB34	MA12MBI04ST-30RB34	MA12FBI04ST-30CB34	MA12FBI04ST-30RB34
	5m	MA12MBI04ST-50CB34	MA12MBI04ST-50RB34	MA12FBI04ST-50CB34	MA12FBI04ST-50RB34
5	1m	MA12MBI05ST-10CB34	MA12MBI05ST-10RB34	MA12FBI05ST-10CB34	MA12FBI05ST-10RB34
	3m	MA12MBI05ST-30CB34	MA12MBI05ST-30RB34	MA12FBI05ST-30CB34	MA12FBI05ST-30RB34
	5m	MA12MBI05ST-50CB34	MA12MBI05ST-50RB34	MA12FBI05ST-50CB34	MA12FBI05ST-50RB34

### Default wire colors

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