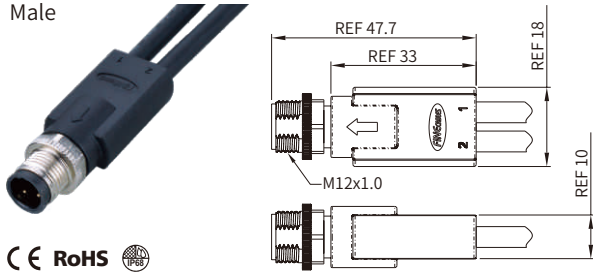


# M12 B-coding (Profibus)

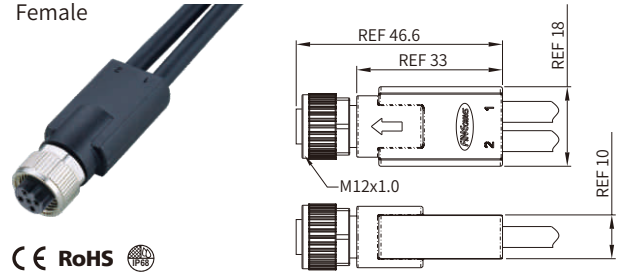
## M12 B-coding Straight Connector, Molded 2 Cables

Male



CE RoHS

Female



CE RoHS

### Specifications

Contacts	3	4	5
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 <sup>2</sup> (AWG 22)		

### Part Number

Pins	Male		Female	
	PVC/PUR	Customized cable	PVC/PUR	Customized cable
3	MT-018		MT-032	
4	MT-019		MT-033	
5	MT-020	MT-034		

### Default wire colors

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