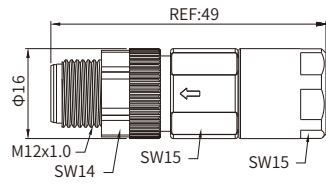


# M12 B-coding (Profibus)

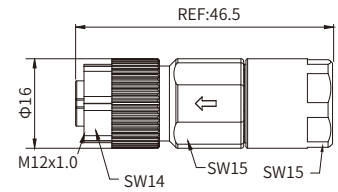


## M12 B-coding Straight Connector, Field Assembly, Crimp Type, Shielded

Male



Female



### Specifications

Contacts	3	4	5
Pin layout(Male)			
Pin layout(Female)			
Standard	IEC 61076-2-101		
Ambient temperature	-25°C~+90°C		
Connector insert	PA		
Connector contacts	Brass with gold plated		
Connector body	Zinc alloy with nickel plated		
Coupling nut/screw	Brass with nickel plated		
Seal/O-ring	FKM		
Insulation resistance	≥100MΩ		
Contact resistance	≤5mΩ		
Shielding	Available		
Suitable cable Dia	A: 4~6mm; B: 6~8mm		
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	0.25~0.5mm <sup>2</sup> (AWG24~20)		

### Part Number

Pins	Male		Female	
	A	B	A	B
3	MB12MCSBFF03ST-A	MB12MCSBFF03ST-B	MB12FCSBFF03ST-A	MB12FCSBFF03ST-B
4	MB12MCSBFF04ST-A	MB12MCSBFF04ST-B	MB12FCSBFF04ST-A	MB12FCSBFF04ST-B
5	MB12MCSBFF05ST-A	MB12MCSBFF05ST-B	MB12FCSBFF05ST-A	MB12FCSBFF05ST-B

### Assembly Instruction

