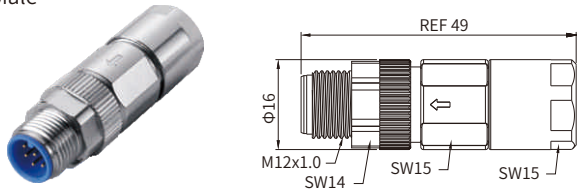


# M12 A-coding (Sensor and Actuator)

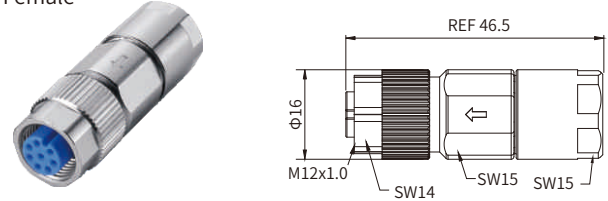


## M12 A-coding Straight Connector, Field Assembly, Crimp Type, Shielded

Male



Female



### Specifications

Contacts	3	4	5	8
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		2A	
Rated voltage	250V AC/DC		60V AC/DC 30V AC/DC	
Wire gauge	0.25~0.5mm <sup>2</sup> (AWG24~20)		0.14~0.34mm <sup>2</sup> (AWG26~22)	

### Part Number

Pins	Male		Female	
	A	B	A	B
3	MB12MCSAFF03ST-A	MB12MCSAFF03ST-B	MB12FCSAFF03ST-A	MB12FCSAFF03ST-B
4	MB12MCSAFF04ST-A	MB12MCSAFF04ST-B	MB12FCSAFF04ST-A	MB12FCSAFF04ST-B
5	MB12MCSAFF05ST-A	MB12MCSAFF05ST-B	MB12FCSAFF05ST-A	MB12FCSAFF05ST-B
8	MB12MCSAFF08ST-A	MB12MCSAFF08ST-B	MB12FCSAFF08ST-A	MB12FCSAFF08ST-B

### Assembly Instruction

