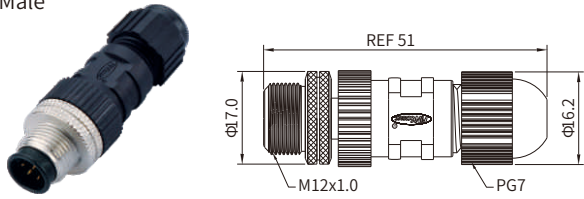


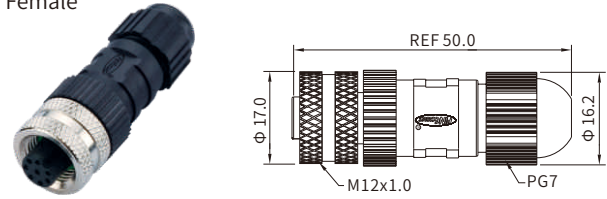
M12 A-coding (Sensor and Actuator)

M12 A-coding Straight Connector, Field Wirable Assembly, Solder

Male



Female



Specifications

Contacts	3	4	5	8	12
Pin layout(Male)					
Pin layout(Female)					
Standard	IEC 61076-2-101				
Ambient temperature	-25°C~+90°C				
Connector insert	TPU				
Connector contacts	Brass with gold plated				
Connector body	PA				
Coupling nut/screw	Brass with nickel plated				
Seal/O-ring	FKM				
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Shielding	Unavailable				
Suitable cable Dia	4~5.5mm				
IP rating	IP65 in locked condition				
Mating endurance	>500 cycles				
Rated current	4 A		2A		1.5A
Rated voltage	250V AC/DC		60V		30V
Wire gauge	0.34mm ² (AWG22)		0.25mm ² (AWG24)		0.14mm ² (AWG26)

Part Number

Pins	Male	Female
3	MB12MAAFF03ST	MB12FAAFF03ST
4	MB12MAAFF04ST	MB12FAAFF04ST
5	MB12MAAFF05ST	MB12FAAFF05ST
8	MB12MAAFF08ST	MB12FAAFF08ST
12	MB12MAAFF12ST	MB12FAAFF12ST

Assembly Instruction

