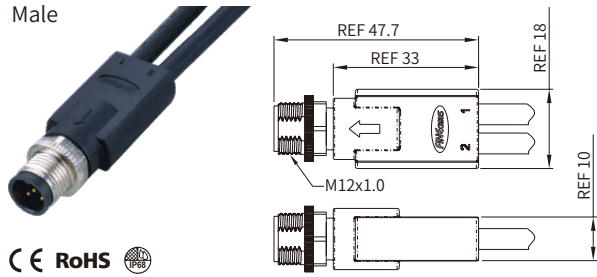


M12 A-coding (Sensor and Actuator)

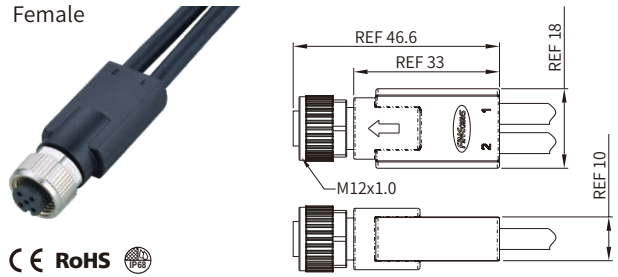


M12 A-coding Straight Connector, Molded 2 Cables

Male



Female



Specifications

Contacts	3	4	5	8
Pin layout(Male)				Available
Pin layout(Female)				Available
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 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	0.34mm ² (AWG22)			0.25mm ² (AWG24)

Part Number

Pins	Male		Female	
	PVC/PUR	Customized cable	PVC/PUR	Customized cable
3	MT-015		MT-029	
4	MT-016		MT-030	
5	MT-017		MT-031	
8	MT-079		MT-080	

Default wire colors

Pin No.				
Pin 1	BN	BN	BN	WH
Pin 2		WH	WH	BN
Pin 3	BU	BU	BU	GN
Pin 4	BK	BK	BK	YE
Pin 5			GY	GY
Pin 6				PK
Pin 7				BU
Pin 8				RD