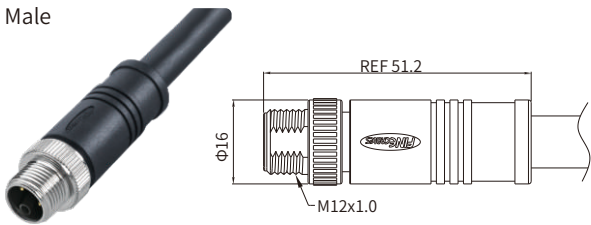


M12 K-coding (Power AC)

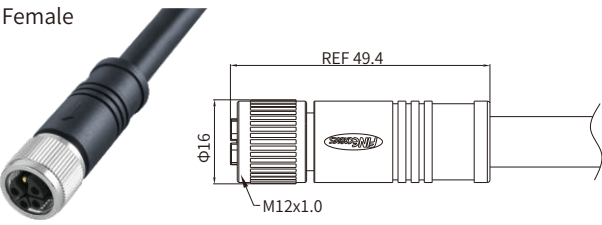


M12 K-coding Straight Connector, Molded Cable, Shielded

Male



Female



Specifications

Contacts	5(4+PE)
Pin layout(Male)	
Pin layout(Female)	
Standard	IEC-61076-2-111
Ambient temperature	-25°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)
Connector insert	TPU+PA
Connector contacts	Brass with gold plated
Connector overmold	TPU
Coupling nut/screw	Brass with nickel plated
Seal/O-ring(of Female)	FKM
Insulation resistance	≥100MΩ
Contact resistance	≤8mΩ
Shielding	Available
IP rating	IP67, IP68 in locked condition
Mating endurance	>500 cycles
Rated current	12 A
Rated voltage	630V
Wire gauge	2.0 mm ² (AWG 14)

Part Number

Pins	Cable length	Male		Female	
		PVC	PUR	PVC	PUR
5(4+PE)	1m	MA12MSKF05ST10CB200	MA12MSKF05ST10RB200	MA12FSKF05ST10CB200	MA12FSKF05ST10RB200
	3m	MA12MSKF05ST30CB200	MA12MSKF05ST30RB200	MA12FSKF05ST30CB200	MA12FSKF05ST30RB200
	5m	MA12MSKF05ST50CB200	MA12MSKF05ST50RB200	MA12FSKF05ST50CB200	MA12FSKF05ST50RB200

Default wire colors

Pin No.		
Pin 1	BN	BK
Pin 2	WH	BK
Pin 3	BU	BK
Pin 4	BK	BK
Pin 5	GY	YE/GN
Shell	Braid	