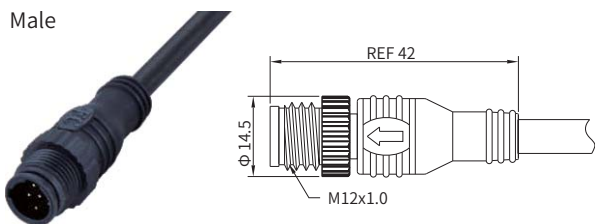


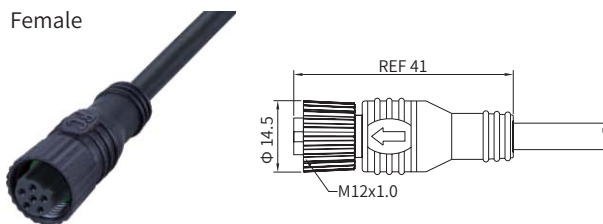
M12 C-coding Straight Connector, Molded Cable, Plastic

Male



CE RoHS

Female



CE RoHS

Specifications

Contacts	3 (2+PE)	4 (3+PE)	5 (4+PE)	6 (5+PE)
Certification	UL US CYJV2(CYJV8).E321413			
Pin layout(Male)				
Pin layout(Female)				
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	PA+GF			
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		2 A	
Rated voltage	250V AC/DC		60V AC/DC	30V AC/DC
Wire gauge	0.34 mm ² (AWG 22)		0.25 mm ² (AWG 24)	

Part Number

Pins	Cable length	Male		Female	
		PVC	PUR	PVC	PUR
3 (2+PE)	1m	MA12MCP03ST-10CB34	MA12MCP03ST-10RB34	MA12FCP03ST-10CB34	MA12FCP03ST-10RB34
	3m	MA12MCP03ST-30CB34	MA12MCP03ST-30RB34	MA12FCP03ST-30CB34	MA12FCP03ST-30RB34
	5m	MA12MCP03ST-50CB34	MA12MCP03ST-50RB34	MA12FCP03ST-50CB34	MA12FCP03ST-50RB34
4 (3+PE)	1m	MA12MCP04ST-10CB34	MA12MCP04ST-10RB34	MA12FCP04ST-10CB34	MA12FCP04ST-10RB34
	3m	MA12MCP04ST-30CB34	MA12MCP04ST-30RB34	MA12FCP04ST-30CB34	MA12FCP04ST-30RB34
	5m	MA12MCP04ST-50CB34	MA12MCP04ST-50RB34	MA12FCP04ST-50CB34	MA12FCP04ST-50RB34
5 (4+PE)	1m	MA12MCP05ST-10CB25	MA12MCP05ST-10RB25	MA12FCP05ST-10CB25	MA12FCP05ST-10RB25
	3m	MA12MCP05ST-30CB25	MA12MCP05ST-30RB25	MA12FCP05ST-30CB25	MA12FCP05ST-30RB25
	5m	MA12MCP05ST-50CB25	MA12MCP05ST-50RB25	MA12FCP05ST-50CB25	MA12FCP05ST-50RB25
6 (5+PE)	1m	MA12MCP06ST-10CB25	MA12MCP06ST-10RB25	MA12FCP06ST-10CB25	MA12FCP06ST-10RB25
	3m	MA12MCP06ST-30CB25	MA12MCP06ST-30RB25	MA12FCP06ST-30CB25	MA12FCP06ST-30RB25
	5m	MA12MCP06ST-50CB25	MA12MCP06ST-50RB25	MA12FCP06ST-50CB25	MA12FCP06ST-50RB25

Default wire colors

Pin No.						
Pin 1	BN	BN	BN	BN	BN	BN
Pin 2	BU	WH	WH	WH	WH	WH
Pin 3	BK	BU	BU	BU	BU	BU
Pin 4		BK	BK	BK	BK	BK
Pin 5				GY	GY	GY
Pin 6						RK