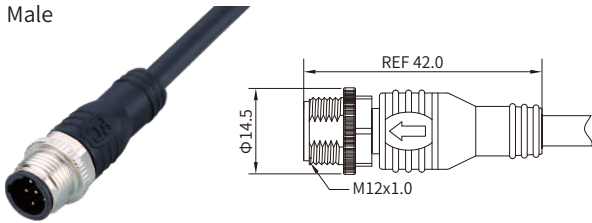


# M12 C-coding (Power)

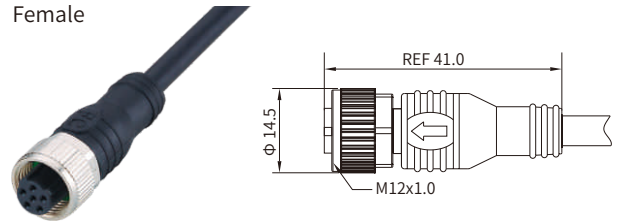


## M12 C-coding Straight Connector, Molded Cable

Male



Female



### Specifications

Contacts	3 (2+PE)	4 (3+PE)	5 (4+PE)	6 (5+PE)
Certification	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	Zinc alloy with nickel plated			
Seal/O-ring(of Female)	FKM			
Insulation resistance	≥ 100MΩ			
Contact resistance	≤ 5mΩ			
Shielding	Unavailable			
IP rating	IP67, IP68, IP69K 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 <sup>2</sup> (AWG 22)		0.25 mm <sup>2</sup> (AWG 24)	

### Part Number

Pins	Cable length	Male		Female	
		PVC	PUR	PVC	PUR
3 (2+PE)	1m	MA12MCHD03ST-10CB34	MA12MCHD03ST-10RB34	MA12FCHD03ST-10CB34	MA12FCHD03ST-10RB34
	3m	MA12MCHD03ST-30CB34	MA12MCHD03ST-30RB34	MA12FCHD03ST-30CB34	MA12FCHD03ST-30RB34
	5m	MA12MCHD03ST-50CB34	MA12MCHD03ST-50RB34	MA12FCHD03ST-50CB34	MA12FCHD03ST-50RB34
4 (3+PE)	1m	MA12MCHD04ST-10CB34	MA12MCHD04ST-10RB34	MA12FCHD04ST-10CB34	MA12FCHD04ST-10RB34
	3m	MA12MCHD04ST-30CB34	MA12MCHD04ST-30RB34	MA12FCHD04ST-30CB34	MA12FCHD04ST-30RB34
	5m	MA12MCHD04ST-50CB34	MA12MCHD04ST-50RB34	MA12FCHD04ST-50CB34	MA12FCHD04ST-50RB34
5 (4+PE)	1m	MA12MCHD05ST-10CB25	MA12MCHD05ST-10RB25	MA12FCHD05ST-10CB25	MA12FCHD05ST-10RB25
	3m	MA12MCHD05ST-30CB25	MA12MCHD05ST-30RB25	MA12FCHD05ST-30CB25	MA12FCHD05ST-30RB25
	5m	MA12MCHD05ST-50CB25	MA12MCHD05ST-50RB25	MA12FCHD05ST-50CB25	MA12FCHD05ST-50RB25
6 (5+PE)	1m	MA12MCHD06ST-10CB25	MA12MCHD06ST-10RB25	MA12FCHD06ST-10CB25	MA12FCHD06ST-10RB25
	3m	MA12MCHD06ST-30CB25	MA12MCHD06ST-30RB25	MA12FCHD06ST-30CB25	MA12FCHD06ST-30RB25
	5m	MA12MCHD06ST-50CB25	MA12MCHD06ST-50RB25	MA12FCHD06ST-50CB25	MA12FCHD06ST-50RB25

### Default wire colors

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