

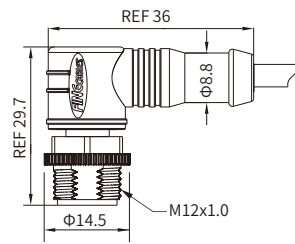
# M12 C-coding (Power)

## M12 C-coding Angled Connector, Molded Cable

Male



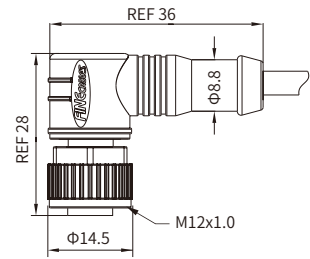
CE RoHS



Female



CE RoHS



### Specifications

Contacts	3 (2+PE)	4 (3+PE)	5 (4+PE)	6 (5+PE)
Certification	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	MA12MCHD03RA-10CB34	MA12MCHD03RA-10RB34	MA12FCHD03RA-10CB34	MA12FCHD03RA10-RB34
	3m	MA12MCHD03RA-30CB34	MA12MCHD03RA-30RB34	MA12FCHD03RA-30CB34	MA12FCHD03RA30-RB34
	5m	MA12MCHD03RA-50CB34	MA12MCHD03RA-50RB34	MA12FCHD03RA-50CB34	MA12FCHD03RA50-RB34
4 (3+PE)	1m	MA12MCHD04RA-10CB34	MA12MCHD04RA-10RB34	MA12FCHD04RA-10CB34	MA12FCHD04RA10-RB34
	3m	MA12MCHD04RA-30CB34	MA12MCHD04RA-30RB34	MA12FCHD04RA-30CB34	MA12FCHD04RA30-RB34
	5m	MA12MCHD04RA-50CB34	MA12MCHD04RA-50RB34	MA12FCHD04RA-50CB34	MA12FCHD04RA50-RB34
5 (4+PE)	1m	MA12MCHD05RA-10CB25	MA12MCHD05RA-10RB25	MA12FCHD05RA-10CB25	MA12FCHD05RA10-RB25
	3m	MA12MCHD05RA-30CB25	MA12MCHD05RA-30RB25	MA12FCHD05RA-30CB25	MA12FCHD05RA30-RB25
	5m	MA12MCHD05RA-50CB25	MA12MCHD05RA-50RB25	MA12FCHD05RA-50CB25	MA12FCHD05RA50-RB25
6 (5+PE)	1m	MA12MCHD06RA-10CB25	MA12MCHD06RA-10RB25	MA12FCHD06RA-10CB25	MA12FCHD06RA10-RB25
	3m	MA12MCHD06RA-30CB25	MA12MCHD06RA-30RB25	MA12FCHD06RA-30CB25	MA12FCHD06RA30-RB25
	5m	MA12MCHD06RA-50CB25	MA12MCHD06RA-50RB25	MA12FCHD06RA-50CB25	MA12FCHD06RA50-RB25

### 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