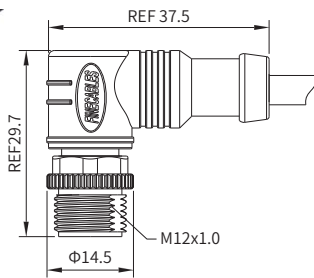


M12 A-coding Angled Connector, Molded Cable, Shielded

Male



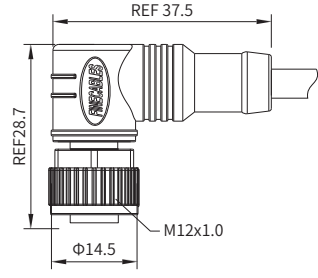
CE RoHS IP68



Female



CE RoHS IP68



Specifications

Contacts	3	4	5	8	12	17
Certification	UL US CYJV2(CYJV8).E321413				UL US CYJV(CYJV7).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+GF					
Connector contacts	Brass with gold plated					
Connector overmold	TPU					
Coupling nut/screw	Zinc alloy with nickel plated (12pin,17pin brass with nickel plated)					
Seal/O-ring(of Female)	FKM					
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Shielding	Available					
IP rating	IP67, IP68, IP69K in locked condition					
Mating endurance	>500 cycles					
Rated current	4 A		2A		1.5A	
Rated voltage	250V AC/DC		60V AC/DC		30V AC/DC	
Wire gauge	0.34mm ² (AWG22)		0.25mm ² (AWG24)		0.14mm ² (AWG26)	

Part Number

*12 pin 17 pin with different overmold from above other pins.

Pins	Cable length	Male		Female	
		PVC	PUR	PVC	PUR
3	1m	MA12MSAHD03RA-10CB34	MA12MSAHD03RA-10RB34	MA12FSAHD03RA-10CB34	MA12FSAHD03RA-10RB34
	3m	MA12MSAHD03RA-30CB34	MA12MSAHD03RA-30RB34	MA12FSAHD03RA-30CB34	MA12FSAHD03RA-30RB34
	5m	MA12MSAHD03RA-50CB34	MA12MSAHD03RA-50RB34	MA12FSAHD03RA-50CB34	MA12FSAHD03RA-50RB34
4	1m	MA12MSAHD04RA-10CB34	MA12MSAHD04RA-10RB34	MA12FSAHD04RA-10CB34	MA12FSAHD04RA-10RB34
	3m	MA12MSAHD04RA-30CB34	MA12MSAHD04RA-30RB34	MA12FSAHD04RA-30CB34	MA12FSAHD04RA-30RB34
	5m	MA12MSAHD04RA-50CB34	MA12MSAHD04RA-50RB34	MA12FSAHD04RA-50CB34	MA12FSAHD04RA-50RB34
5	1m	MA12MSAHD05RA-10CB34	MA12MSAHD05RA-10RB34	MA12FSAHD05RA-10CB34	MA12FSAHD05RA-10RB34
	3m	MA12MSAHD05RA-30CB34	MA12MSAHD05RA-30RB34	MA12FSAHD05RA-30CB34	MA12FSAHD05RA-30RB34
	5m	MA12MSAHD05RA-50CB34	MA12MSAHD05RA-50RB34	MA12FSAHD05RA-50CB34	MA12FSAHD05RA-50RB34
8	1m	MA12MSAHD08RA-10CB25	MA12MSAHD08RA-10RB25	MA12FSAHD08RA-10CB25	MA12FSAHD08RA-10RB25
	3m	MA12MSAHD08RA-30CB25	MA12MSAHD08RA-30RB25	MA12FSAHD08RA-30CB25	MA12FSAHD08RA-30RB25
	5m	MA12MSAHD08RA-50CB25	MA12MSAHD08RA-50RB25	MA12FSAHD08RA-50CB25	MA12FSAHD08RA-50RB25
12	1m	MA12MSAF12RA-10CB14	MA12MSAF12RA-10RB14	MA12FSAF12RA-10CB14	MA12FSAF12RA-10RB14
	3m	MA12MSAF12RA-30CB14	MA12MSAF12RA-30RB14	MA12FSAF12RA-30CB14	MA12FSAF12RA-30RB14
	5m	MA12MSAF12RA-50CB14	MA12MSAF12RA-50RB14	MA12FSAF12RA-50CB14	MA12FSAF12RA-50RB14
17	1m	MA12MSAF17RA-10CB14	MA12MSAF17RA-10RB14	MA12FSAF17RA-10CB14	MA12FSAF17RA-10RB14
	3m	MA12MSAF17RA-30CB14	MA12MSAF17RA-30RB14	MA12FSAF17RA-30CB14	MA12FSAF17RA-30RB14
	5m	MA12MSAF17RA-50CB14	MA12MSAF17RA-50RB14	MA12FSAF17RA-50CB14	MA12FSAF17RA-50RB14

Default wire colors

Pin No.																	
Pin 1	BN	WH	BU	BK	GY	PK	BU	RD	OR	TP	BK	VT	BN	BU	WH	GN	PK
Pin 2	WH	BU	BK	GY	PK	BU	RD	OR	TP	BK	VT	BN	BU	WH	GN	PK	BN
Pin 3	BU	BK	GY	PK	BU	RD	OR	TP	BK	VT	BN	BU	WH	GN	PK	BN	BU
Pin 4	BK	GY	PK	BU	RD	OR	TP	BK	VT	BN	BU	WH	GN	PK	BN	BU	WH
Pin 5		PK	BU	RD	OR	TP	BK	VT	BN	BU	WH	GN	PK	BN	BU	WH	GN
Pin 6		PK	BU	RD	OR	TP	BK	VT	BN	BU	WH	GN	PK	BN	BU	WH	GN
Pin 7		PK	BU	RD	OR	TP	BK	VT	BN	BU	WH	GN	PK	BN	BU	WH	GN
Pin 8		PK	BU	RD	OR	TP	BK	VT	BN	BU	WH	GN	PK	BN	BU	WH	GN
Pin 9		PK	BU	RD	OR	TP	BK	VT	BN	BU	WH	GN	PK	BN	BU	WH	GN
Pin 10		PK	BU	RD	OR	TP	BK	VT	BN	BU	WH	GN	PK	BN	BU	WH	GN
Pin 11		PK	BU	RD	OR	TP	BK	VT	BN	BU	WH	GN	PK	BN	BU	WH	GN
Pin 12		PK	BU	RD	OR	TP	BK	VT	BN	BU	WH	GN	PK	BN	BU	WH	GN
Shell	Braid																