

Connection Cables - Sensor and Signal

M12 A-coded Female with LED Indication to Male Cables

Features

- 90-degree M12 female plug with LED indication on one end and axial male plug on the other end
- 0.3 m [0.98 ft], 0.6 m [1.97 ft], 1m [3.28 ft], 2m [6.5 ft], 5m [16.4 ft], and 10m [32.8 ft] cable lengths
- LED indication for 10–36 VDC PNP sensors only
- PUR (polyurethane) jacketed cable for app with exposure to oil and dynamic applicati requiring more flexibility

M12 A-coded Female with LED Indication to Male Cables						
Part Number	Price	Length	Number of Wires	Connectors	LED	Cable Jacket Material
EVC322*	\$14.00	0.3 m [0.98 ft]	4	90-degree female, axial male	Yes	PUR
EVC323*	\$15.50	0.6 m [1.97 ft]				
EVC324*	\$16.00	1m [3.28 ft]				
EVC325*	\$18.00	2m [6.5 ft]				
EVC326*	\$21.50	5m [16.4 ft]				
EVC327*	\$26.50	10m [32.8 ft]				

*Note: LED for 10–36 VDC PNP devices only.

Do not use with NPN or analog output devices.

Do not use when white wire (Pin 1) is used for selection of a sensor function.

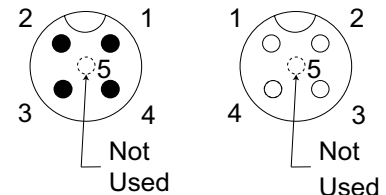
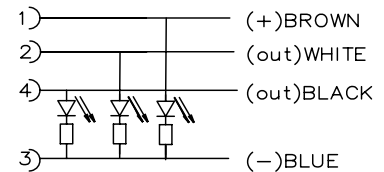
Do not use when emitter has check function.

M12 A-coded Female with LED Indication to Male Cables Specifications	
Operating Voltage	10-36 VDC
Max Voltage - UL Rating	36VDC
Max Current Per Contact	4A
Protection Degree	IP65 / IP67 / IP68 / IP69K
Nut Material	Nickel plated Brass
Cable Jacket Insulation Material	Polyurethane (PUR)
Contacts Material	Gold plated
Tightening Torque	0.6 to 1.5 N·m [0.4 to 1.1 ft·lb]
Conductors Cross Section	0.34 mm² [22AWG]
Ø Outer Cable For PUR	4.3 mm [0.17 in]
Temperature Range Stationary Use	-25 to 90°C [-13 to 194°F]
Temperature Range - Flexible Use	-25 to 90°C [-13 to 194°F]
Min Bend Radius	Stationary use: 5 x cable diameter; Flexible use: 10 x cable diameter
LED Current Loading	10V input Brown wire LED: 1.7 mA White and/or Black LED: 0.9 mA 36V input Brown wire LED: 7.3 mA White and/or Black LED: 4.7 mA
Switching Status LED	2 x Yellow
Function Display Power LED	1 x Green
Approvals*	cULus, CE, UKCA

*To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.

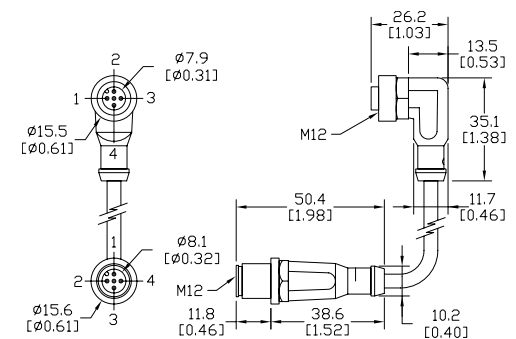


Wiring



Dimensions

mm [inches]



UL Reference	
EVC322	VDOAH043MSS00.3H04STGH040MSS
EVC323	VDOAH043MSS00.6H04STGH040MSS
EVC324	VDOAH043MSS0001H04STGH040MSS
EVC325	VDOAH043MSS0002H04STGH040MSS
EVC326	VDOAH043MSS0005H04STGH040MSS
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