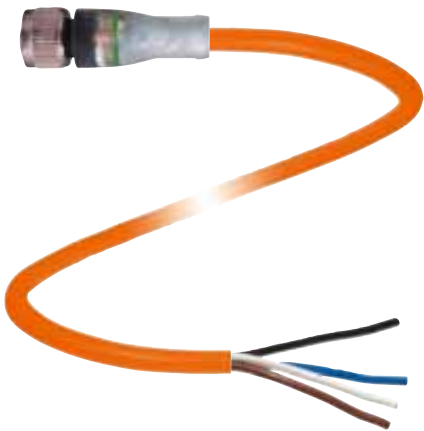




Model Number

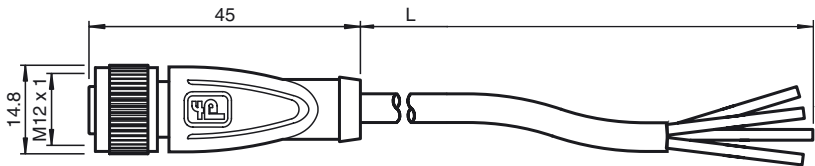
V1-G-E8W-OR10M-POC

Female cordset single-ended M12 A-coded, LED 4-pin, TPE cable welding-bead resistant orange

Features

- Built-in LED, as operating and function indicator
- Resistant to welding bead formation
- Suitable for robotic applications / torsion resistant
- Does not give off silicone
- Ozone resistant
- Hydrolysis resistant
- Halogen-free
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69

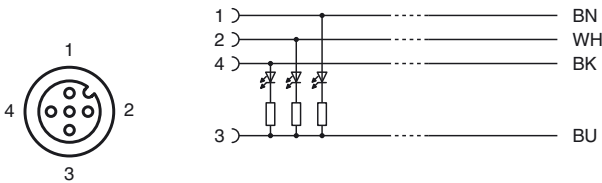
Dimensions



Technical data

General specifications			
Number of pins		4	
Connection 1		socket	
Construction type 1		straight	
Threading 1		M12	
Coding 1		A-coded	
Connection 2		cable end	
Indicators/operating means			
LED green		Operating display	
LED yellow		Functional display NO contact 4	
LED white		Functional display NO contact 2	
Electrical specifications			
Operating voltage	U _B	max. 24 V DC ± 15%	
Operating current	I _B	max. 4 A	
Ambient conditions			
Ambient temperature		Body: -40 ... 90 °C (-40 ... 194 °F) Cable, flexing: -15 ... 120 °C (5 ... 248 °F) for 20000 h -15 ... 150 °C (5 ... 302 °F) for 3000 h cable, fixed: -40 ... 120 °C (-40 ... 248 °F) for 20000 h -40 ... 150 °C (-40 ... 302 °F) for 3000 h	
Pollution degree		3	
Mechanical specifications			
Contact elements		spring-loaded contact socket	
Degree of protection		IP67 / IP68 / IP69	
Cable code		Li 7Y-41X 4 x 0.34	
Material			
Contacts		CuZn	
Contact surface		Au	
Body		TPU, transparent	
Cable		TPE resistant to welding bead formation	
Slotted nut		Diecast zinc	
Core insulation		ETFE	
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5	
Sheath diameter		4.8 mm	
Bending radius		> 10 x cable diameter, moving > 10 x cable diameter, fixed	
Color		orange	
Number of cores		4	
Core cross-section		0.34 mm ²	
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black	

Electrical connection



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Conductor construction	19 x 0.16 mm Ø
Length	L 10 m
Flammability	
Contact carrier	HB
Housing	V-2
Cable	flame-resistant
Compliance with standards and directives	
Standard conformity	
Degree of protection	EN 60529
Flammability	IEC 60332-1-2 Flame-retardant as per ISO 14572 and ISO 6722
Halogen-free	IEC 60754-2
Specification	connector M12 x 1 : IEC 61076-2-101

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