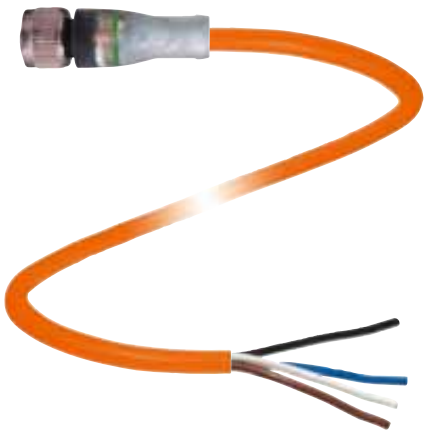




Model Number

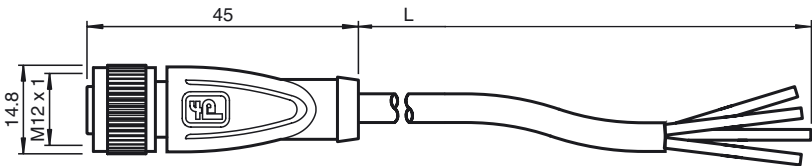
V1-G-E8W-OR20M-POC

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

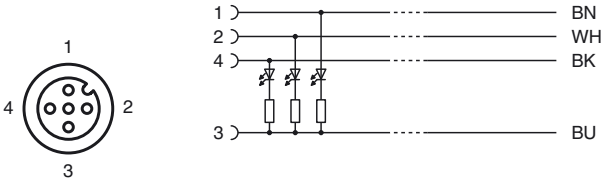
Dimensions



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 20 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