



### Model Number

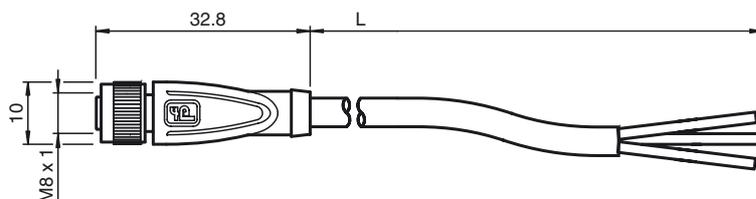
#### V3-GM-OR10M-POC

Female cordset single-ended M8 A-coded, 3-pin, TPE cable welding-bead resistant orange

### Features

- 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	3
Connection 1	socket
Construction type 1	straight
Threading 1	M8
Coding 1	A-coded
Connection 2	cable end

#### Electrical specifications

Operating voltage	$U_B$	max. 48 V AC / 60 V DC
Operating current	$I_B$	max. 3 A

#### Ambient conditions

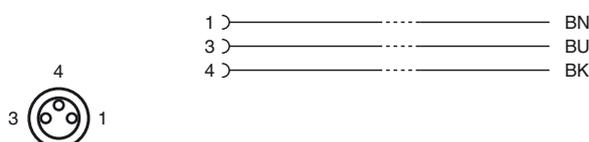
Ambient temperature	Body: -40 ... 90 °C (-40 ... 194 °F) Cable, flexing: -15 ... 120 °C (5 ... 248 °F) for 20000 h -15 ... 150 °C (5 ... 302 °F) for 3000 h cable, fixed: -40 ... 120 °C (-40 ... 248 °F) for 20000 h -40 ... 150 °C (-40 ... 302 °F) for 3000 h
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Pollution degree	3
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#### 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, black
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	3
Core cross-section	0.34 mm <sup>2</sup>
Cores color	Core 1: brown Core 3: blue Core 4: black
Conductor construction	19 x 0.16 mm Ø
Length	L 10 m
Flammability	
Contact carrier	HB
Housing	V-2

### Electrical connection





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 M8 x 1 : IEC 61076-2-104

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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