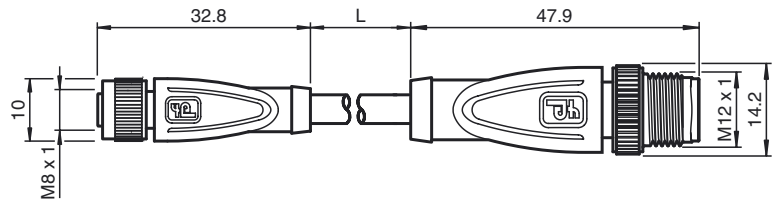


Dimensions



Model Number

V3-GM-OR0,3M-POC-V11-G

Double-ended cordset, M8 to M12, 3-pin, TPE cable, weld-slag resistant

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Resistant to welding bead formation
- Suitable for robotic applications / torsion resistant
- Does not give off silicone
- Ozone resistant

Technical data

General specifications

Number of pins	3
Connection 1	female connector
Construction type 1	straight
Threading 1	M8
Connection 2	Male connector
Construction type 2	straight
Threading 2	M12

Electrical specifications

Operating voltage	U_B	max. 60 V AC/DC
Operating current		max. 3 A
Volume resistance		< 5 m Ω

Ambient conditions

Ambient temperature	-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
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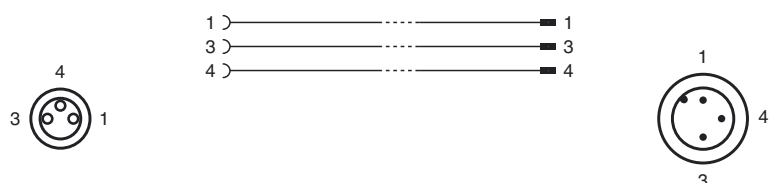
Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Protection degree	IP67

Material

Contacts	CuSn / Au
Contact surface	Au
Body	TPU, green
Cable	TPE resistant to welding bead formation
Slotted nut	Diecast zinc
Sleeve connector	Diecast zinc
Core insulation	ETFE
Cable	fine-strand, flexible
Sheath diameter	\varnothing 4.8 mm
Bending radius	> 10 x cable diameter, moving
Color	orange
Cores	3 x 0.34 mm ²
Conductor construction	19 x 0.15 mm \varnothing
Length	L 0.3 m
Flammability	
Contact material	HB
Housing	V-2
Cable	flame-resistant

Electrical connection



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Subject to modifications without notice

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Compliance with standards and directives

Standard conformity	
Protection degree	EN 60529:2000
Standards	IEC 61076-2-101:2008; IEC 61076-2-104:2008
Flammability	Grip: UL 94 Lead: IEC 60332-2-2:2004

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