



Model Number

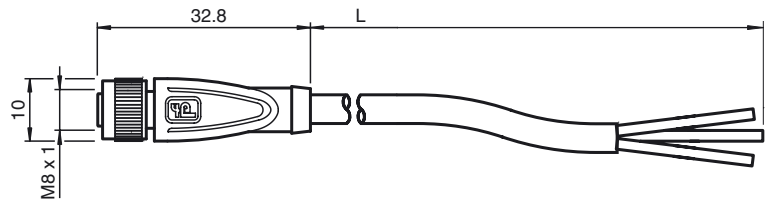
V3-GM-OR5M-POC

Female cordset, M8, 3-pin, TPE cable, welding-bead resistant

Features

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

Dimensions



Technical data

General specifications

Number of pins	3
Connection 1	female connector
Construction type 1	straight
Threading 1	M8
Connection 2	cable end

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	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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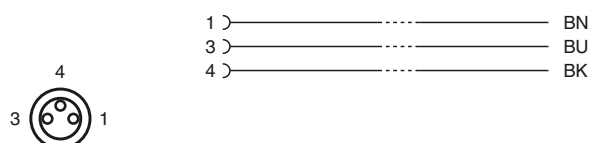
Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Protection degree	IP67
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	TPE resistant to welding bead formation
Slotted nut	Diecast zinc
Core insulation	ETFE
Cable	fine-strand, flexible
Sheath diameter	Ø 4.8 mm
Bending radius	> 10 x cable diameter, moving
Color	orange
Cores	3 x 0.34 mm ²
Conductor construction	19 x 0.16 mm Ø
Length	L 5 m
Flammability	
Contact material	HB
Housing	V-2
Cable	flame-resistant

Compliance with standards and directives

Standard conformity	
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Electrical connection





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

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