



Model Number

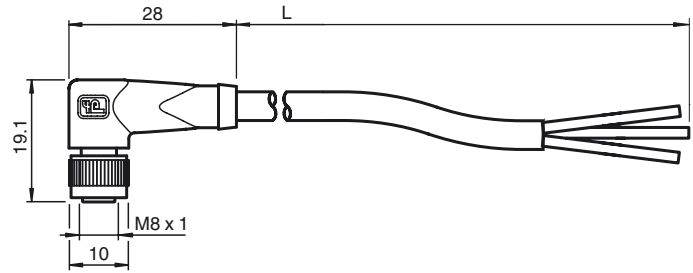
V3-WM-OR5M-POC

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 | right angle |
| 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 |
|---------------------|---|

| | |
|------------------|---|
| Pollution Degree | 3 |
|------------------|---|

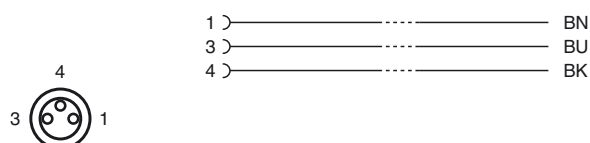
Mechanical specifications

| | |
|------------------------|---|
| 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 | |
|---------------------|--|

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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