



Model Number

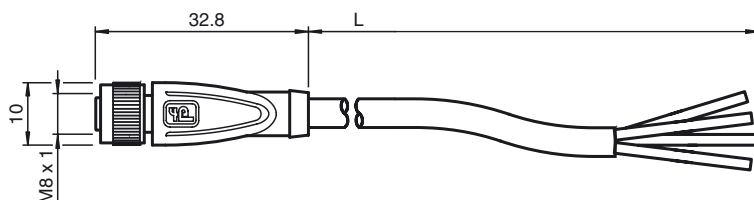
V31-GM-2M-PVC

M8, 4-pin socket, PVC cable

Features

- 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 | 4 |
| Connection 1 | female connector |
| Construction type 1 | straight |
| Threading 1 | M8 |
| Connection 2 | cable end |

Electrical specifications

| | | |
|-------------------|-------|-----------------|
| Operating voltage | U_B | max. 30 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, fixed: -25 ... 70 °C (-13 ... 158 °F) cable, flexing: -5 ... 70 °C (23 ... 158 °F) |
| 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 | PVC |
| Slotted nut | Diecast zinc |
| Core insulation | PVC |
| Cable | fine-strand, flexible |
| Sheath diameter | \varnothing 4.3 mm |
| Bending radius | > 15 x cable diameter, induced > 10 x cable diameter, fixed |
| Color | grey |
| Cores | 4 x 0.25 mm ² |
| Conductor construction | 14 x 0.15 mm \varnothing |
| Length | L 2 m |
| Flammability | |
| Contact material | HB |
| Housing | V-2 |

Compliance with standards and directives

| | |
|---------------------|----------------------|
| Standard conformity | |
| Protection degree | EN 60529:2000 |
| Standards | IEC 61076-2-104:2008 |
| Flammability | Grip: UL 94 |

Electrical connection

