

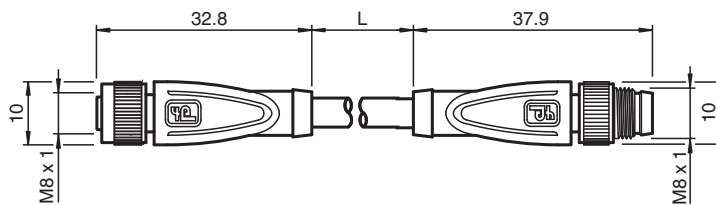
Connection cable V31-GM-5M-PVC-V31-GM

- Degree of protection IP67
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Cordset M8 socket straight to M8 plug straight A-coded, 4-pin, PVC cable grey



Dimensions



Technical Data

General specifications

| | | |
|----------------------------------|----------------|------------------|
| Connector 1 | | |
| Connection | | socket |
| Construction type | | M8 |
| Style | | straight |
| Locking | | screw connection |
| Number of pins | | 4 |
| Coding | | A-coded |
| Connector 2 | | |
| Connection | | plug |
| Construction type | | M8 |
| Style | | straight |
| Locking | | screw connection |
| Number of pins | | 4 |
| Coding | | A-coded |
| Electrical specifications | | |
| Operating voltage | U _B | max. 30 V AC/DC |

Release date: 2021-02-18 Date of issue: 2021-02-18 Filename: 233724_eng.pdf

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

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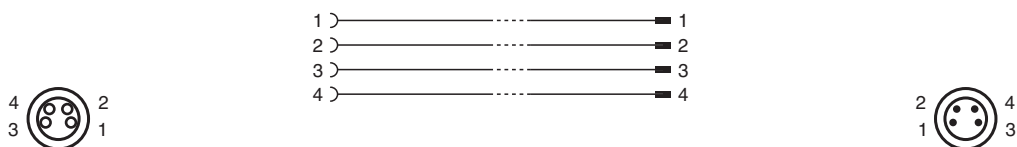
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PEPPERL+FUCHS

Technical Data

| | | |
|----------------------------------|----------------|---|
| Operating current | I _B | max. 3 A |
| Conformity | | |
| Degree of protection | | EN 60529 |
| Plug connection | | connector M8 x 1 : IEC 61076-2-104 |
| Ambient conditions | | |
| Ambient temperature | | |
| Plug connector | | -40 ... 90 °C (-40 ... 194 °F) |
| Cable, fixed | | -40 ... 70 °C (-40 ... 158 °F) |
| Cable, flexing | | -5 ... 70 °C (23 ... 158 °F) |
| Pollution degree | | 3 |
| Mechanical specifications | | |
| Plug connector | | |
| Tightening torque | | 0.4 Nm |
| Loosening protection | | available |
| Tool installation | | straight knurling |
| Mating cycles | | min. 100 |
| Degree of protection | | IP67 |
| Cable | | according to IEC/EN 60228 (DIN VDE 0295) class 5 |
| Sheath diameter | | 4.3 mm |
| Bending radius | | > 15 x cable diameter, moving > 10 x cable diameter, fixed |
| Sheath stripping force | | max. 80 N / 300 mm |
| Sheath color | | grey (similar to RAL 7001) |
| Number of cores | | 4 |
| Core cross-section | | 0.25 mm ² |
| Cores color | | Core 1: brown Core 2: white Core 3: blue Core 4: black |
| Core construction | | 14 x 0.15 mm Ø |
| Length | L | 5 m |
| Cable code | | Li YY 4 x 0,25 |
| Material | | |
| Plug connector | | |
| Screw connection | | Zinc diecast, nickel-plated |
| Body | | TPU, black |
| Contact surface | | Au |
| Flammability | | V-2 |
| Cable | | |
| Sheathing | | PVC |
| Core insulation | | PVC |
| Flammability | | flame-resistant |

Connection Assignment



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