

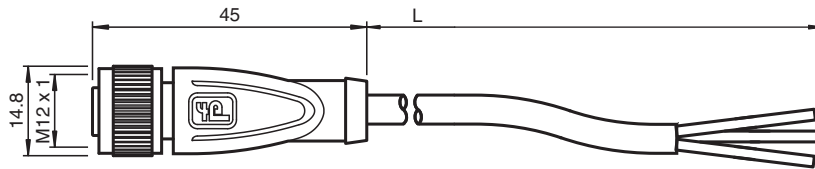
Female connector V1-G-E2-2M-PUR

- Built-in LED, as operating and function indicator
- Degree of protection IP67 / IP68 / IP69
- Resistant to microbes and hydrolysis
- Halogen-free
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Female cordset single-ended M12 straight A-coded, LED 3-pin, PUR cable grey



Dimensions



Technical Data

General specifications

| | |
|-------------------|------------------|
| Connector 1 | |
| Connection | socket |
| Construction type | M12 |
| Style | straight |
| Locking | screw connection |
| Number of pins | 3 |
| Coding | A-coded |
| Connector 2 | |
| Connection | cable end |

Indicators/operating means

| | |
|------------|--------------------------|
| LED green | Operating display |
| LED yellow | Functional display pin 4 |

Electrical specifications

| | | |
|-------------------|-------|----------------------------|
| Operating voltage | U_B | max. 24 V DC -20 % / +25 % |
| Operating current | I_B | max. 4 A |

Conformity

Release date: 2020-10-23 Date of issue: 2020-10-23 Filename: 186790_eng.pdf

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

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Technical Data

| | | |
|--|--|-----|
| Degree of protection | EN 60529 | |
| Plug connection | connector M12 x 1 : IEC 61076-2-101 | |
| Halogen-free | IEC 60754-1 | |
| Ambient conditions | | |
| Ambient temperature | | |
| Plug connector | -40 ... 90 °C (-40 ... 194 °F) | |
| Cable, fixed | -40 ... 80 °C (-40 ... 176 °F) | |
| Cable, flexing | -25 ... 80 °C (-13 ... 176 °F) | |
| Pollution degree | 3 | |
| Mechanical specifications | | |
| Plug connector | | |
| Tightening torque | 0.6 Nm | |
| Loosening protection | available | |
| Tool installation | straight knurling | |
| Mating cycles | min. 100 | |
| Degree of protection | IP67 / IP68 / IP69 | |
| Cable | | |
| according to IEC/EN 60228 (DIN VDE 0295) class 5 | | |
| Sheath diameter | 4.8 mm | |
| Bending radius | > 10 x cable diameter, moving > 8 x cable diameter, fixed | |
| Sheath stripping force | max. 10 N / 50 mm | |
| Sheath color | grey (similar to RAL 7001) | |
| Number of cores | 3 | |
| Core cross-section | 0.34 mm ² | |
| Coors color | Core 1: brown Core 3: blue Core 4: black | |
| Core construction | 19 x 0.15 mm Ø | |
| Length | L | 2 m |
| Cable code | Li 9Y 11YM 3 x 0.34 | |
| Drag chain suitability | | |
| Drag chain cycles | max. 50 / day | |
| Motion velocity | max. 0.3 m/s | |
| Material | | |
| Halogen-free | yes | |
| Plug connector | | |
| Knurled screw connection | Zinc die-casting, nickel-plated | |
| Body | TPU, transparent | |
| Contact surface | Au | |
| Flammability | V-2 | |
| Cable | | |
| Sheathing | PUR based on polyether | |
| Core insulation | PP | |
| Chemical resistance | good | |
| Microbial resistance | yes | |
| Hydrolysis resistance | yes | |

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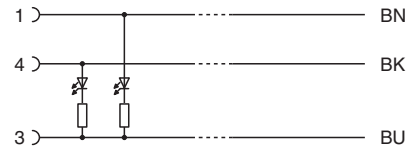
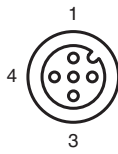
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Connection



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