



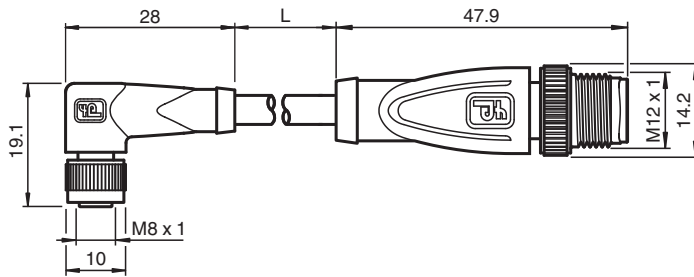
## Connection cable V3-WM-E2-2M-PUR-V11-G

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

Cordset M8 socket angled A-coded LED 3-pin to M12 plug straight A-coded 3-pin, PUR cable grey



### Dimensions



### Technical Data

| General specifications            |                  |
|-----------------------------------|------------------|
| <b>Connector 1</b>                |                  |
| Connection                        | socket           |
| Construction type                 | M8               |
| Style                             | angled           |
| Locking                           | screw connection |
| Number of pins                    | 3                |
| Coding                            | A-coded          |
| <b>Connector 2</b>                |                  |
| Connection                        | plug             |
| Construction type                 | M12              |
| Style                             | straight         |
| Locking                           | screw connection |
| Number of pins                    | 3                |
| Coding                            | A-coded          |
| <b>Indicators/operating means</b> |                  |

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

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## Technical Data

|                                  |                |   |
|----------------------------------|----------------|---|
| LED green                        |                | Operating display   |
| LED yellow                       |                | Functional display pin 4  |
| <b>Electrical specifications</b> |                |   |
| Operating voltage                | U <sub>B</sub> | max. 24 V DC -20 % / +25 %  |
| Operating current                | I <sub>B</sub> | max. 3 A  |
| <b>Conformity</b>                |                |   |
| Degree of protection             |                | EN 60529  |
| Plug connection                  |                | connector M8 x 1 : IEC 61076-2-104<br>connector M12 x 1 : IEC 61076-2-101 |
| Halogen-free                     |                | IEC 60754-1   |
| <b>Ambient conditions</b>        |                |   |
| Ambient temperature              |                |   |
| Plug connector                   |                | -40 ... 90 °C (-40 ... 194 °F)  |
| Cable, fixed                     |                | -40 ... 80 °C (-40 ... 176 °F)  |
| Cable, flexing                   |                | -20 ... 80 °C (-4 ... 176 °F)   |
| Pollution degree                 |                | 3   |
| <b>Mechanical specifications</b> |                |   |
| Connector 1                      |                |   |
| Tightening torque                |                | 0.4 Nm  |
| Loosening protection             |                | available   |
| Tool installation                |                | straight knurling   |
| Mating cycles                    |                | min. 100  |
| Degree of protection             |                | IP67  |
| Connector 2                      |                |   |
| Tightening torque                |                | 0.6 Nm  |
| Loosening protection             |                | available   |
| Tool installation                |                | straight knurling   |
| Mating cycles                    |                | min. 100  |
| Degree of protection             |                | IP67 / IP68 / IP69  |
| Cable                            |                |   |
| Sheath diameter                  |                | 4.3 mm  |
| Bending radius                   |                | > 15 x cable diameter, moving<br>> 8 x cable diameter, fixed              |
| Sheath stripping force           |                | max. 80 N / 500 mm  |
| Sheath color                     |                | grey (similar to RAL 7001)  |
| Number of cores                  |                | 3   |
| Core cross-section               |                | 0.25 mm <sup>2</sup>  |
| Cores color                      |                | Core 1: brown<br>Core 3: blue<br>Core 4: black                            |
| Core construction                |                | 14 x 0.15 mm Ø  |
| Length                           | L              | 2 m   |
| Cable code                       |                | Li 9Y 11Y 3 x 0,25  |
| Drag chain suitability           |                |   |
| Drag chain cycles                |                | max. 50 / day   |
| Motion velocity                  |                | max. 0.3 m/s  |
| <b>Material</b>                  |                |   |
| Halogen-free                     |                | yes   |
| Plug connector                   |                |   |
| Screw connection                 |                | Zinc diecast, nickel-plated   |
| Body                             |                | TPU, transparent/black  |
| Contact surface                  |                | Au  |
| Flammability                     |                | V-2   |
| Cable                            |                |   |

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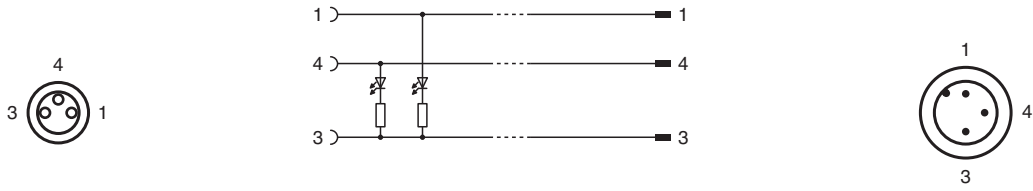
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### Technical Data

|                       |                        |
|-----------------------|------------------------|
| Sheathing             | PUR based on polyether |
| Core insulation       | PP                     |
| Chemical resistance   | good                   |
| Microbial resistance  | yes                    |
| Hydrolysis resistance | yes                    |

### Connection Assignment



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