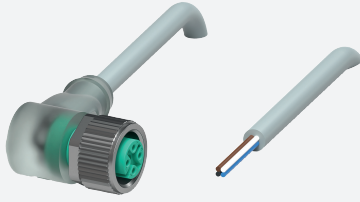


# Female cordset

## V1-W-E8W-10M-PUR



- Built-in LED, as operating and function indicator
- Degree of protection IP68 / IP69
- Resistant to microbes and hydrolysis
- Halogen-free
- Specific design protects against loosening and inaccurate installation

Female cordset single-ended M12 angled A-coded, LED 4-pin, PUR cable grey



### Dimensions



### Technical Data

#### General specifications

|                    |                  |
|--------------------|------------------|
| <b>Connector 1</b> |                  |
| Connection         | socket           |
| Construction type  | M12              |
| Style              | angled           |
| Locking            | screw connection |
| Number of pins     | 4                |
| Coding             | A-coded          |
| <b>Connector 2</b> |                  |
| Connection         | cable end        |

#### Indicators/operating means

|            |                          |
|------------|--------------------------|
| LED green  | Operating display        |
| LED yellow | Functional display pin 4 |
| LED white  | Functional display pin 2 |

#### Electrical specifications

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

#### Conformity

|                      |                                     |
|----------------------|-------------------------------------|
| Degree of protection | EN 60529                            |
| Plug connection      | connector M12 x 1 : IEC 61076-2-101 |
| Halogen-free         | IEC 60754-1                         |

Release date: 2024-02-19 Date of issue: 2024-02-19 Filename: 211709\_eng.pdf

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

## Technical Data

| 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 and hexagon nut SW = 14 mm                    |
| Mating cycles             |   | min. 100  |
| Degree of protection      |   | 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<br>> 8 x cable diameter, fixed    |
| Sheath stripping force    |   | max. 60 N / 500 mm  |
| Sheath color              |   | grey (similar to RAL 7001)                                      |
| Number of cores           |   | 4   |
| Core cross section        |   | 0.34 mm <sup>2</sup>  |
| Cores color               |   | Core 1: brown<br>Core 2: white<br>Core 3: blue<br>Core 4: black |
| Core construction         |   | 19 x 0.15 mm Ø  |
| Length                    | L | 10 m  |
| Cable code                |   | Li 9Y 11YM 4 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            |   |   |
| Screw connection          |   | Zinc diecast, nickel-plated                                     |
| Body                      |   | TPU, transparent  |
| Seal                      |   | FKM   |
| Contact surface           |   | gold plated (Au)  |
| Flammability              |   | V-2   |
| Cable                     |   |   |
| Sheathing                 |   | PUR based on polyether  |
| Core insulation           |   | PP  |
| Chemical resistance       |   | good  |
| Microbial resistance      |   | yes   |
| Hydrolysis resistance     |   | yes   |

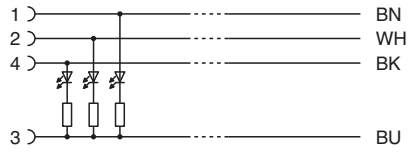
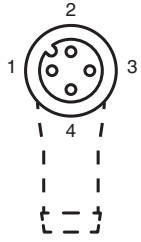
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Connection



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