



### Model Number

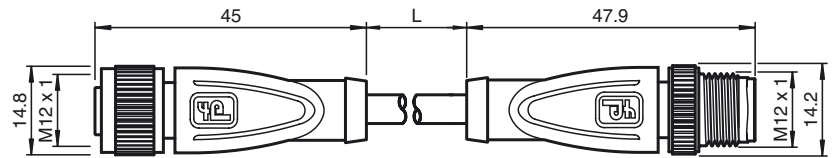
**V11-G-BK8M-PUR-U-V11-G**

Connection cable, M12, 3 pin, PUR cable

### Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Halogen-free
- Degree of protection IP67 / IP68 / IP69K
- Suitable for drag chains

### Dimensions



### Technical data

#### General specifications

|                |         |
|----------------|---------|
| Number of pins | 3       |
| UL File Number | E231213 |

#### Electrical specifications

|                   |       |               |
|-------------------|-------|---------------|
| Operating voltage | $U_B$ | max. 300 V DC |
| Operating current | $I_B$ | max. 4 A      |
| Volume resistance |       | < 5 mΩ        |

#### Ambient conditions

|                     |                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------|
| Ambient temperature | -25 ... 100 °C (-13 ... 212 °F)<br>for temperatures over 80 °C (176 °F) reduced elongation at tear |
| Pollution degree    | 3                                                                                                  |

#### Mechanical specifications

|                      |                              |
|----------------------|------------------------------|
| Contact elements     | spring-loaded contact socket |
| Pin diameter         | 1 mm                         |
| Degree of protection | IP67 / IP68 / IP69k          |
| Cable code           | Li 9Y 11Y 3 x 0.34           |

#### Material

|                        |                                                              |
|------------------------|--------------------------------------------------------------|
| Contacts               | CuSn / Au                                                    |
| Contact surface        | Au                                                           |
| Body                   | TPU, black                                                   |
| Cable                  | PUR                                                          |
| Slotted nut            | Diecast zinc                                                 |
| Sleeve connector       | Diecast zinc                                                 |
| Core insulation        | PP                                                           |
| Cable                  | extra-fine wire, flexible                                    |
| Sheath diameter        | Ø 4.3 mm                                                     |
| Bending radius         | > 10 x cable diameter, moving<br>> 5 x cable diameter, fixed |
| Color                  | black                                                        |
| Number of cores        | 3                                                            |
| Core cross-section     | 0.34 mm <sup>2</sup>                                         |
| Conductor construction | 42 x 0.1 mm Ø                                                |
| Length                 | L 8 m                                                        |

#### Drag chain suitability

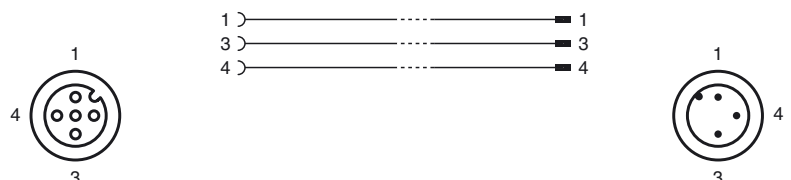
|                   |                      |
|-------------------|----------------------|
| Drag chain cycles | ≥ 5000000            |
| Motion velocity   | ≤ 3.3 m/s            |
| Acceleration      | ≤ 5 m/s <sup>2</sup> |
| Torsional stress  | ± 180 °/m            |

#### Flammability

|                 |        |
|-----------------|--------|
| Contact carrier | 94 V-2 |
| Housing         | 94 V-2 |
| Cable           | FT2    |

#### Approvals and certificates

### Electrical connection





UL approval

cURus AWM 20549 AWM I/II A/B 80°C 300V FT2 (cable)

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