

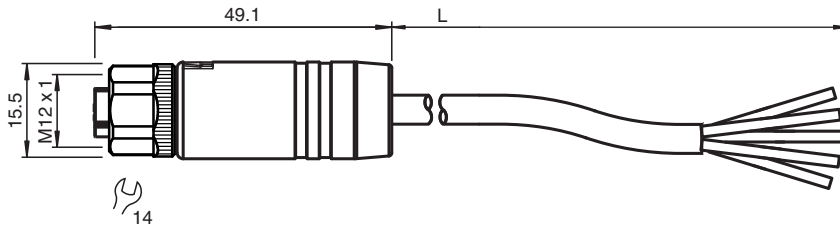
Female cordset V15L-G-10M-PUR-U

- Degree of protection IP65 / IP67 / IP69
- Free of paint wetting interfering substances
- UL listed for USA and Canada
- Halogen-free
- 600 V AC rated operational voltage
- Screw connection suitable for tool assembly
- Image is generic for this device type and may deviate from the specific variant

Female cordset single-ended M12 straight L-coded, 5-pin, PUR cable grey, UL approved



Dimensions



Technical Data

| General specifications | | | |
|---------------------------|----------------|------------------------|--|
| Connector 1 | | | |
| Connection | | socket | |
| Construction type | | M12 | |
| Style | | straight | |
| Locking | | screw connection | |
| Number of pins | | 5 | |
| Coding | | L-coded | |
| Connector 2 | | | |
| Connection | | cable end | |
| UL File Number | | E520151 | |
| Electrical specifications | | | |
| Rated operating voltage | U _e | 600 V AC | |
| Operating voltage | U _B | max. 48 V AC / 60 V DC | |
| Operating current | I _B | max. 16 A | |
| Conformity | | | |
| Degree of protection | | EN 60529 | |

Release date: 2023-05-04 Date of issue: 2023-05-04 Filename: 308606_eng.pdf

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS

Technical Data

| | | | |
|-----------------------------------|---|------|--|
| Plug connection | connector M12 x 1 : IEC 61076-2-111 | | |
| Flammability | IEC 60332-1-2 | | |
| Halogen-free | DIN VDE 0472-815 | | |
| Oil resistance | DIN EN 60811-404 | | |
| Approvals and certificates | | | |
| UL approval | AWM STYLE 20939 80°C 600V VW-1 (cable) | | |
| Ambient conditions | | | |
| Ambient temperature | | | |
| Plug connector | -40 ... 125 °C (-40 ... 257 °F) note derating | | |
| Cable, fixed | -40 ... 90 °C (-40 ... 194 °F) UL -40 ... 80 °C (-40 ... 176 °F) | | |
| Cable, flexing | -30 ... 90 °C (-22 ... 194 °F) UL -30 ... 80 °C (-22 ... 176 °F) | | |
| Pollution degree | 3 | | |
| Mechanical specifications | | | |
| Plug connector | | | |
| Tightening torque | 0.6 Nm | | |
| Tool installation | straight knurling and hexagon nut SW = 14 mm | | |
| Mating cycles | min. 100 | | |
| Degree of protection | IP65/IP67/IP69 | | |
| Cable | according to IEC/EN 60228 (DIN VDE 0295) class 5 | | |
| Sheath diameter | 8 mm | | |
| Bending radius | > 7.5 x cable diameter, moving > 4 x cable diameter, fixed | | |
| Sheath color | grey (similar to RAL 7032) | | |
| Number of cores | 5 | | |
| Core cross section | 1.5 mm ² | | |
| Cores color | Core 1: brown Core 2: white Core 3: blue Core 4: black Core 5: pink | | |
| Length | L | 10 m | |
| Cable code | Li 9Y 11Y 5 x 1,50 | | |
| Material | | | |
| PWIS free | yes | | |
| Halogen-free | yes | | |
| Plug connector | | | |
| Screw connection | Zinc diecast, nickel-plated | | |
| Body | TPE, black | | |
| Seal | FKM | | |
| Contact surface | Cu/Au | | |
| Flammability | HB | | |
| Cable | | | |
| Sheathing | PUR | | |
| Core insulation | PP | | |
| Oil resistance | yes | | |
| Flammability | VW-1 | | |

Release date: 2023-05-04 Date of issue: 2023-05-04 Filename: 308606_eng.pdf

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

 **PEPPERL+FUCHS**

Connection Assignment



- 1)----- BN
- 2)----- WH
- 3)----- BU
- 4)----- BK
- 5 ■----- PK

Accessories

| | | |
|---|-------------------|----------------------------|
|  | VAZ-V1-B3L | Blind plug for M12 sockets |
|---|-------------------|----------------------------|

Release date: 2023-05-04 Date of issue: 2023-05-04 Filename: 308606_eng.pdf

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