



Connection cable

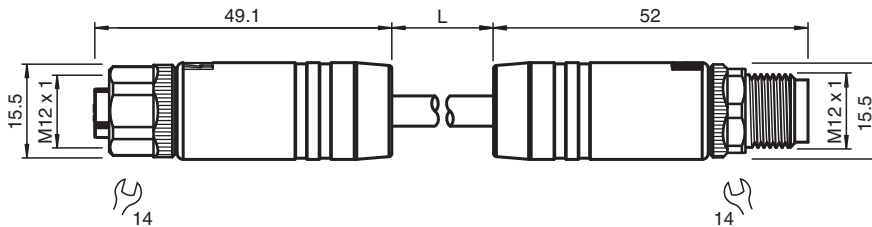
V15L-G-2M-PUR-U-V15L-G

- 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

Cordset M12 socket straight to M12 plug 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 | plug |
| Construction type | M12 |
| Style | straight |
| Locking | screw connection |
| Number of pins | 5 |
| Coding | L-coded |

Electrical specifications

| | | |
|-------------------------|-------|------------------------|
| Rated operating voltage | U_e | 600 V AC |
| Operating voltage | U_B | max. 48 V AC / 63 V DC |
| Operating current | I_B | max. 16 A |

Conformity

| | |
|----------------------|-------------------------------------|
| Degree of protection | EN 60529 |
| Plug connection | connector M12 x 1 : IEC 61076-2-111 |
| Flammability | IEC 60332-1-2 |
| Halogen-free | DIN VDE 0472-815 |

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

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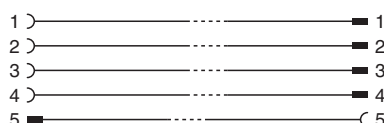
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Technical Data

| | | |
|-----------------------------------|---|---|
| Oil resistance | | DIN EN 60811-404 |
| Approvals and certificates | | |
| UL approval | | AWM STYLE 20939 80°C 600V VW-1 (cable) |
| UL File Number | | E520151 |
| 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 | | |
| 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 | 2 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 |

Connection



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