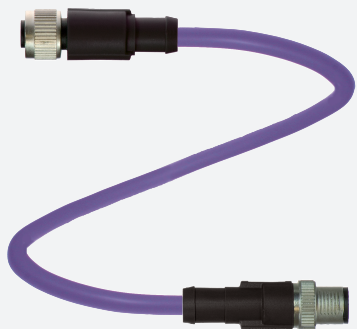




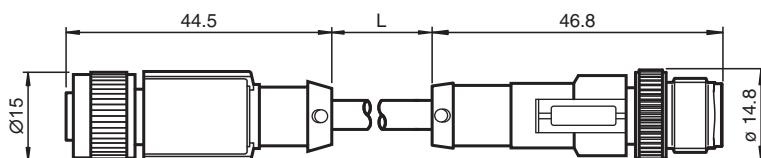
## Connection cable, shielded V15B-G-10M-PUR-ABG-V15B-G

- Data transmission up to 12 MBaud
- Halogen-free
- Shield connected to screw connection
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

PROFIBUS bus cable M12 socket straight to M12 plug straight B-coded, 5-pin, PUR cable 2-core violet, shielded



### Dimensions



### Technical Data

#### General specifications

|                   |                  |
|-------------------|------------------|
| Connector 1       |                  |
| Connection        | socket           |
| Construction type | M12              |
| Style             | straight         |
| Locking           | screw connection |
| Number of pins    | 5                |
| Coding            | B-coded          |
| Connector 2       |                  |
| Connection        | plug             |
| Construction type | M12              |
| Style             | straight         |
| Locking           | screw connection |
| Number of pins    | 5                |
| Coding            | B-coded          |

#### Electrical specifications

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

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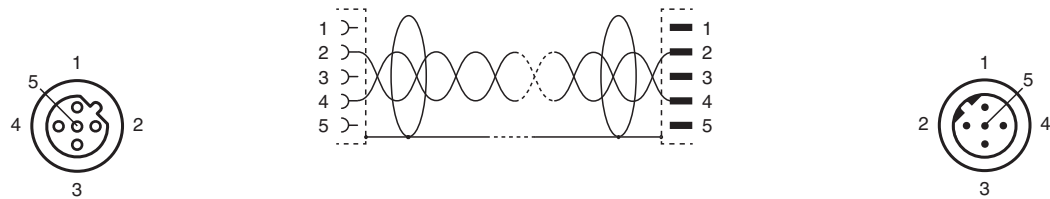
Singapore: +65 6779 9091  
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 **PEPPERL+FUCHS**

## Technical Data

|                                  |                |                                                  |
|----------------------------------|----------------|--------------------------------------------------|
| Operating voltage                | U <sub>B</sub> | max. 48 V AC / 60 V DC                           |
| Operating current                | I <sub>B</sub> | max. 4 A                                         |
| <b>Conformity</b>                |                |                                                  |
| Degree of protection             |                | EN 60529                                         |
| Plug connection                  |                | connector M12 x 1 : IEC 61076-2-101              |
| Flammability                     |                | UL 1581; DIN EN 60332-1-2                        |
| Halogen-free                     |                | DIN VDE 0472-815<br>IEC 60754-1                  |
| <b>Ambient conditions</b>        |                |                                                  |
| Ambient temperature              |                |                                                  |
| Plug connector                   |                | -25 ... 90 °C (-13 ... 194 °F)                   |
| Cable, fixed                     |                | -40 ... 80 °C (-40 ... 176 °F)                   |
| Cable, flexing                   |                | -30 ... 80 °C (-22 ... 176 °F)                   |
| Pollution degree                 |                | 3                                                |
| <b>Mechanical specifications</b> |                |                                                  |
| Plug connector                   |                |                                                  |
| Tightening torque                |                | 0.4 Nm                                           |
| Loosening protection             |                | available                                        |
| Tool installation                |                | straight knurling                                |
| Mating cycles                    |                | min. 100                                         |
| Shielding                        |                | shield connected to screw connection             |
| Degree of protection             |                | IP65 / IP67 / IP68                               |
| Cable                            |                | according to IEC/EN 60228 (DIN VDE 0295) class 5 |
| Sheath diameter                  |                | 7.8 mm                                           |
| Bending radius                   |                | min. 40 mm , active<br>min. 65 mm , fixed        |
| Sheath color                     |                | violet (similar to RAL 4001)                     |
| Number of cores                  |                | 2                                                |
| Core cross-section               |                | 0.25 mm <sup>2</sup>                             |
| Cores color                      |                | Core 2: green<br>Core 4: red                     |
| Core construction                |                | 19 x 0.13 mm Ø                                   |
| Shield                           |                | tinned copper braiding, 85 % coverage            |
| Length                           | L              | 10 m                                             |
| <b>Material</b>                  |                |                                                  |
| Halogen-free                     |                | yes                                              |
| Plug connector                   |                |                                                  |
| Screw connection                 |                | Zinc diecast, nickel-plated                      |
| Body                             |                | TPU, black                                       |
| Seal                             |                | NBR                                              |
| Contact surface                  |                | Ni/Au                                            |
| Flammability                     |                | V-0                                              |
| Cable                            |                |                                                  |
| Sheathing                        |                | PUR based on polyether                           |
| Core insulation                  |                | PP                                               |
| Flammability                     |                | FT1                                              |

Connection



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