

# Connection cable

## V1-W-2M-PVC-V1-G

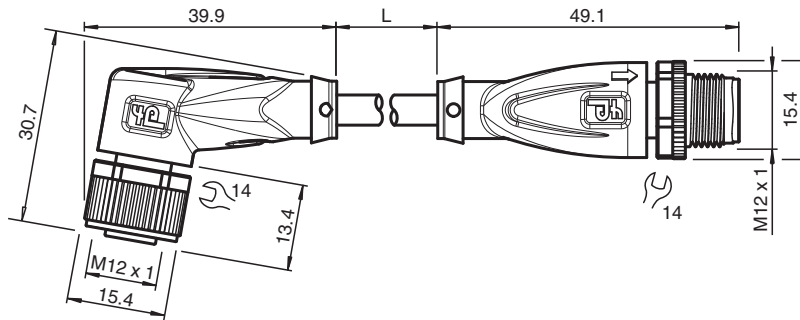


- Degree of protection IP68 / IP69
- Specific design protects against loosening and inaccurate installation

Cordset M12 socket angled to M12 plug straight A-coded, 4-pin, PVC 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         |  | plug             |
| Construction type  |  | M12              |
| Style              |  | straight         |
| Locking            |  | screw connection |
| Number of pins     |  | 4                |
| Coding             |  | A-coded          |

#### Electrical specifications

|                   |       |                  |
|-------------------|-------|------------------|
| Operating voltage | $U_B$ | max. 250 V AC/DC |
| Operating current | $I_B$ | max. 4 A         |

#### Conformity

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

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

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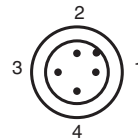
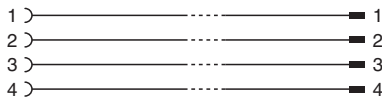
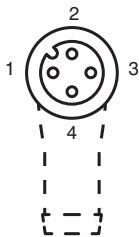
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PEPPERL+FUCHS

Technical Data

|                                                  |   |                                                                 |
|--------------------------------------------------|---|-----------------------------------------------------------------|
| Flammability                                     |   | IEC 60332-2-2                                                   |
| Ambient conditions                               |   |                                                                 |
| Ambient temperature                              |   |                                                                 |
| Plug connector                                   |   | -40 ... 90 °C (-40 ... 194 °F)                                  |
| Cable, fixed                                     |   | -25 ... 70 °C (-13 ... 158 °F)                                  |
| Cable, flexing                                   |   | -5 ... 70 °C (23 ... 158 °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                                   |
| Sheath stripping force                           |   | max. 80 N / 300 mm                                              |
| Sheath color                                     |   | grey (similar to RAL 7001)                                      |
| Number of cores                                  |   | 4                                                               |
| Core cross section                               |   | 0.34 mm²                                                        |
| 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 | 2 m                                                             |
| Cable code                                       |   | Li Y YM 4 x 0,34                                                |
| Material                                         |   |                                                                 |
| Plug connector                                   |   |                                                                 |
| Screw connection                                 |   | Zinc diecast, nickel-plated                                     |
| Body                                             |   | TPU, black                                                      |
| Seal                                             |   | FKM                                                             |
| Contact surface                                  |   | gold plated (Au)                                                |
| Flammability                                     |   | V-2                                                             |
| Cable                                            |   |                                                                 |
| Sheathing                                        |   | PVC                                                             |
| Core insulation                                  |   | PVC                                                             |
| Flammability                                     |   | flame-resistant                                                 |

Connection



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## Accessories

|                                                                                   |                              |                                                  |
|-----------------------------------------------------------------------------------|------------------------------|--------------------------------------------------|
|  | <b>MH V1-SCREWDRIVER</b>     | Torque screwdriver (0.6 Nm)                      |
|  | <b>MH V1-BIT M12</b>         | plug-in cap M12                                  |
|  | <b>V1/V3-LABELHOLDER</b>     | Label holder                                     |
|  | <b>V1/V3-LABEL</b>           | Label plate                                      |
|  | <b>MH V1-Holder</b>          | Modular universal holder for M12 connectors      |
|  | <b>V1-CLIP</b>               | Unlocking protector for M12 connector            |
|  | <b>V1-MARKING-RING-COLOR</b> | Marking rings for M12 connectors, various colors |