

# Connection cable

## V1-G-0,4M-PVC-V1-G

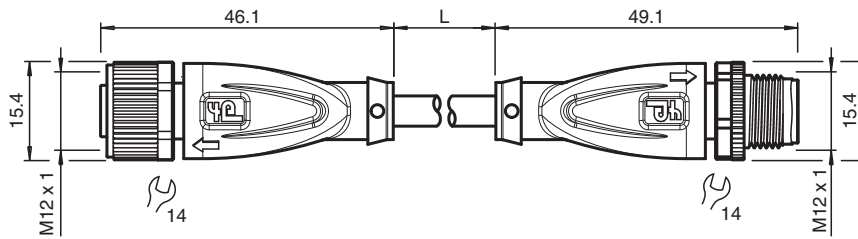


- Degree of protection IP68 / IP69
- Specific design protects against loosening and inaccurate installation

Cordset M12 socket straight to M12 plug straight A-coded, 4-pin, PVC cable grey



### Dimensions



### Technical Data

#### General specifications

|                   |  |                  |
|-------------------|--|------------------|
| Connector 1       |  |                  |
| Connection        |  | socket           |
| Construction type |  | M12              |
| Style             |  | straight         |
| Locking           |  | screw connection |
| Number of pins    |  | 4                |
| Coding            |  | A-coded          |
| Connector 2       |  |                  |
| 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 |
| Flammability         |  | IEC 60332-2-2                       |

#### Ambient conditions

|                     |  |  |
|---------------------|--|--|
| Ambient temperature |  |  |
|---------------------|--|--|

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

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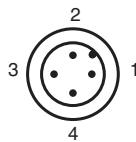
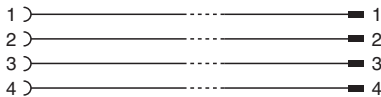
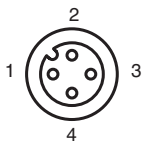
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**PEPPERL+FUCHS**

Technical Data

|                           |   |                                                                 |
|---------------------------|---|-----------------------------------------------------------------|
| 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 | 0.4 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



Accessories

|                                                                                     |                   |                             |
|-------------------------------------------------------------------------------------|-------------------|-----------------------------|
|  | MH V1-SCREWDRIVER | Torque screwdriver (0.6 Nm) |
|  | MH V1-BIT M12     | plug-in cap M12             |

## Accessories

|                                                                                   |                              |                                                  |
|-----------------------------------------------------------------------------------|------------------------------|--------------------------------------------------|
|  | <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 |