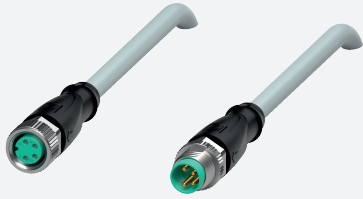


# Connection cable

## V31-GM-1,5M-PVC-V31-GM

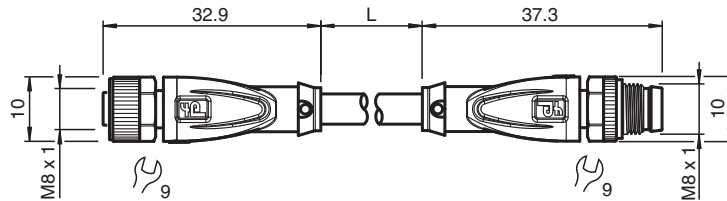


- Degree of protection IP68
- Specific design protects against loosening and inaccurate installation

Cordset M8 socket straight to M8 plug straight A-coded, 4-pin, PVC cable grey



### Dimensions



### Technical Data

#### General specifications

| Connector 1       |                  |
|-------------------|------------------|
| Connection        | socket           |
| Construction type | M8               |
| Style             | straight         |
| Locking           | screw connection |
| Number of pins    | 4                |
| Coding            | A-coded          |
| Connector 2       |                  |
| Connection        | plug             |
| Construction type | M8               |
| Style             | straight         |
| Locking           | screw connection |
| Number of pins    | 4                |
| Coding            | A-coded          |

#### Electrical specifications

|                   |       |                 |
|-------------------|-------|-----------------|
| Operating voltage | $U_B$ | max. 30 V AC/DC |
| Operating current | $I_B$ | max. 3 A        |

#### Conformity

|                      |                                    |
|----------------------|------------------------------------|
| Degree of protection | EN 60529                           |
| Plug connection      | connector M8 x 1 : IEC 61076-2-104 |

#### Ambient conditions

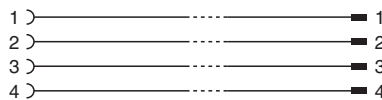
|                     |                                |
|---------------------|--------------------------------|
| Ambient temperature |                                |
| Plug connector      | -40 ... 90 °C (-40 ... 194 °F) |

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### Technical Data

|                                  |   |   |
|----------------------------------|---|---|
| Cable, fixed                     |   | -40 ... 70 °C (-40 ... 158 °F)                                  |
| Cable, flexing                   |   | -5 ... 70 °C (23 ... 158 °F)                                    |
| Pollution degree                 |   | 3   |
| <b>Mechanical specifications</b> |   |   |
| Plug connector                   |   |   |
| Tightening torque                |   | 0.4 Nm  |
| Loosening protection             |   | available   |
| Tool installation                |   | straight knurling and hexagon nut SW = 9 mm                     |
| Mating cycles                    |   | min. 100  |
| Degree of protection             |   | IP68  |
| Cable                            |   |   |
| Sheath diameter                  |   | 4.3 mm  |
| Bending radius                   |   | > 15 x cable diameter, moving<br>> 10 x cable diameter, fixed   |
| Sheath stripping force           |   | max. 80 N / 300 mm  |
| Sheath color                     |   | grey (similar to RAL 7001)                                      |
| Number of cores                  |   | 4   |
| Core cross section               |   | 0.25 mm <sup>2</sup>  |
| Cores color                      |   | Core 1: brown<br>Core 2: white<br>Core 3: blue<br>Core 4: black |
| Core construction                |   | 14 x 0.15 mm Ø  |
| Length                           | L | 1.5 m   |
| Cable code                       |   | Li YY 4 x 0,25  |
| <b>Material</b>                  |   |   |
| 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

|   |                          |                             |
|---|--------------------------|-----------------------------|
|  | <b>MH V3-SCREWDRIVER</b> | Torque screwdriver (0.4 Nm) |
|  | <b>MH V3-BIT M8</b>      | plug-in cap for M8          |

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**Accessories**

|   |                          |  |
|---|--------------------------|--|
|  | <b>V1/V3-LABELHOLDER</b> | Label holder                               |
|  | <b>V1/V3-LABEL</b>       | Label plate                                |
|  | <b>MH V3-Holder</b>      | Modular universal holder for M8 connectors |