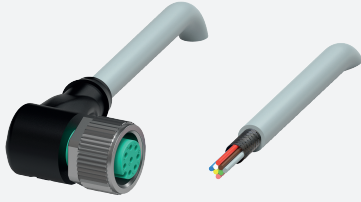


# Cable socket, shielded V19-W-10M-PUR-ABG

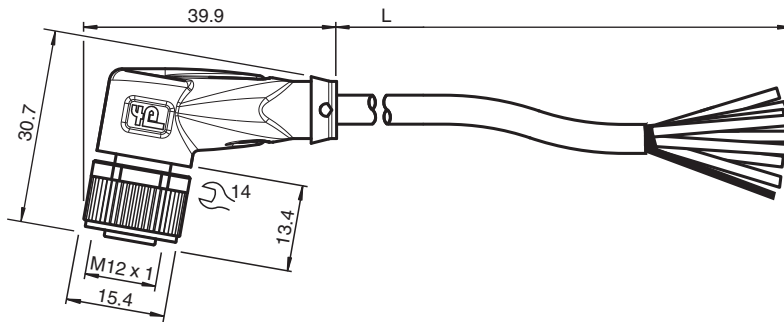


- Degree of protection IP68 / IP69
- Halogen-free
- Shield connected to screw connection
- Specific design protects against loosening and inaccurate installation

Female cordset single-ended M12 angled A-coded, 8-pin, PUR cable grey, shielded



## Dimensions



## Technical Data

### General specifications

|                   |  |                  |
|-------------------|--|------------------|
| Connector 1       |  |                  |
| Connection        |  | socket           |
| Construction type |  | M12              |
| Style             |  | angled           |
| Locking           |  | screw connection |
| Number of pins    |  | 8                |
| Coding            |  | A-coded          |
| Connector 2       |  |                  |
| Connection        |  | cable end        |

### Electrical specifications

|                   |       |                 |
|-------------------|-------|-----------------|
| Operating voltage | $U_B$ | max. 30 V AC/DC |
| Operating current | $I_B$ | max. 2 A        |

### Conformity

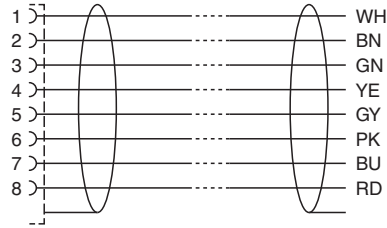
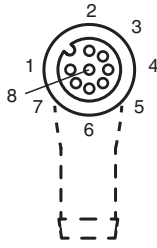
|                      |  |                                     |
|----------------------|--|-------------------------------------|
| Degree of protection |  | EN 60529                            |
| Plug connection      |  | connector M12 x 1 : IEC 61076-2-101 |

Release date: 2022-11-30 Date of issue: 2022-12-01 Filename: 251796\_eng.pdf








## Technical Data

|                                  |   |  |
|----------------------------------|---|--|
| Halogen-free                     |   | DIN VDE 0472-815<br>DIN EN 50267-2-1   |
| <b>Ambient conditions</b>        |   |  |
| Ambient temperature              |   |  |
| Plug connector                   |   | -40 ... 90 °C (-40 ... 194 °F)   |
| Cable, fixed                     |   | -40 ... 80 °C (-40 ... 176 °F)   |
| Cable, flexing                   |   | -20 ... 80 °C (-4 ... 176 °F)  |
| Pollution degree                 |   | 3  |
| <b>Mechanical specifications</b> |   |  |
| Plug connector                   |   |  |
| Tightening torque                |   | 0.6 Nm   |
| Loosening protection             |   | available  |
| Tool installation                |   | straight knurling and hexagon nut SW = 14 mm   |
| Mating cycles                    |   | min. 100   |
| Shielding                        |   | shield connected to screw connection   |
| Degree of protection             |   | IP68 / IP69  |
| Cable                            |   | according to IEC/EN 60228 (DIN VDE 0295) class 5   |
| Sheath diameter                  |   | 6 mm   |
| Bending radius                   |   | > 10 x cable diameter, moving<br>> 5 x cable diameter, fixed   |
| Sheath stripping force           |   | max. 100 N / 300 mm  |
| Sheath color                     |   | grey (similar to RAL 7001)   |
| Number of cores                  |   | 8  |
| Core cross section               |   | 0.25 mm <sup>2</sup>   |
| Cores color                      |   | Core 1: white<br>Core 2: brown<br>Core 3: green<br>Core 4: yellow<br>Core 5: grey<br>Core 6: pink<br>Core 7: blue<br>Core 8: red |
| Core construction                |   | 14 x 0.15 mm Ø   |
| Shield                           |   | tinned copper braiding, 85 % coverage  |
| Length                           | L | 10 m   |
| Cable code                       |   | Li 9Y V1 C V1 11Y 8 x 0,25   |
| <b>Material</b>                  |   |  |
| Halogen-free                     |   | yes  |
| Plug connector                   |   |  |
| Screw connection                 |   | Zinc diecast, nickel-plated  |
| Body                             |   | TPU, black   |
| Seal                             |   | FKM  |
| Contact surface                  |   | gold plated (Au)   |
| Flammability                     |   | V-2  |
| Cable                            |   |  |
| Sheathing                        |   | PUR based on polyether   |
| Core insulation                  |   | PP   |
| Chemical resistance              |   | good   |

## Connection Assignment



## 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 |