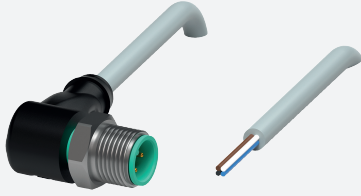


# Cable connector

## V1S-WV4A-20M-PVC

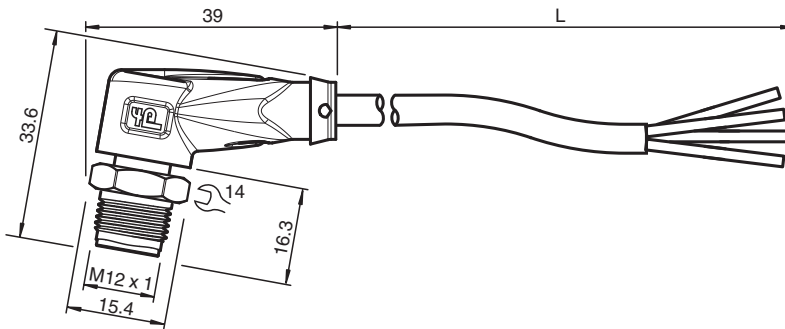


- Screw connection stainless steel
- Degree of protection IP68 / IP69
- Specific design protects against loosening and inaccurate installation

Male cordset single-ended M12 angled stainless steel 1.4404, A-coded, 4-pin, PVC cable grey



### Dimensions



### Technical Data

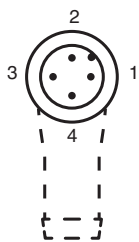
| General specifications    |       |                                     |  |
|---------------------------|-------|-------------------------------------|--|
| Connector 1               |       |                                     |  |
| Connection                |       | plug                                |  |
| Construction type         |       | M12                                 |  |
| Style                     |       | angled                              |  |
| Locking                   |       | screw connection                    |  |
| Number of pins            |       | 4                                   |  |
| Coding                    |       | A-coded                             |  |
| Connector 2               |       |                                     |  |
| Connection                |       | cable end                           |  |
| 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       |       |                                     |  |
| Plug connector            |       | -40 ... 90 °C (-40 ... 194 °F)      |  |
| Cable, fixed              |       | -25 ... 70 °C (-13 ... 158 °F)      |  |

Release date: 2023-08-23 Date of issue: 2023-08-23 Filename: 306146\_eng.pdf

## Technical Data




|                                  |   |      |
|----------------------------------|---|------|
| Cable, flexing                   | -5 ... 70 °C (23 ... 158 °F)                                    |      |
| Pollution degree                 | 3   |      |
| <b>Mechanical specifications</b> |   |      |
| Plug connector                   |   |      |
| Tightening torque                | 0.6 Nm  |      |
| Tool installation                | hexagon nut SW = 14 mm  |      |
| Mating cycles                    | min. 100  |      |
| Degree of protection             | IP68 / IP69   |      |
| Cable                            |   |      |
| 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 mm <sup>2</sup>  |      |
| 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   | 20 m |
| Cable code                       | Li Y YM 4 x 0,34  |      |
| <b>Material</b>                  |   |      |
| Plug connector                   |   |      |
| Screw connection                 | Stainless steel 1.4404 / AISI 316L                              |      |
| Body                             | TPU, black  |      |
| Contact surface                  | gold plated (Au)  |      |
| Flammability                     | V-2   |      |
| Cable                            |   |      |
| Sheathing                        | PVC   |      |
| Core insulation                  | PVC   |      |
| Flammability                     | flame-resistant   |      |

## Connection







|   |    |
|---|----|
| 1 | BN |
| 2 | WH |
| 3 | BU |
| 4 | BK |

## Accessories

|   |                                  |   |
|---|----------------------------------|---|
|  | <b>MH V1-SCREWDRIVER</b>         | Torque screwdriver (0.6 Nm)                                     |
|  | <b>MH V1-BIT<br/>M12-W14-HEX</b> | Plug-in attachment for M12 with hex stainless steel knurled nut |
|  | <b>V1/V3-LABELHOLDER</b>         | Label holder  |

**Accessories**

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