

# Cable connector, NAMUR

## V1-WV4A-N4-2M-PUR

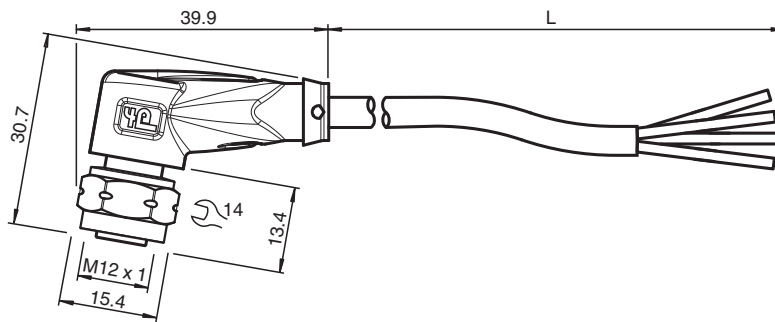


- Suitable for NAMUR technology
- Degree of protection IP68 / IP69
- Screw connection stainless steel
- Specific design protects against loosening and inaccurate installation

Female cordset single-ended M12 angled stainless steel 1.4404, A-coded, 4-pin, PUR cable blue, NAMUR



### Dimensions



### Technical Data

#### General specifications

|                   |  |                  |
|-------------------|--|------------------|
| Connector 1       |  |                  |
| Connection        |  | socket           |
| 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           | $I_B$ | 4 A                    |
| Resistance per unit length  | $R'$  | max. 0.057 $\Omega$ /m |
| Capacitance per unit length | $C'$  | 109 nF/km              |
| Inductance per unit length  | $L'$  | 0.49 mH/km             |

#### Conformity

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

#### Ambient conditions

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

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

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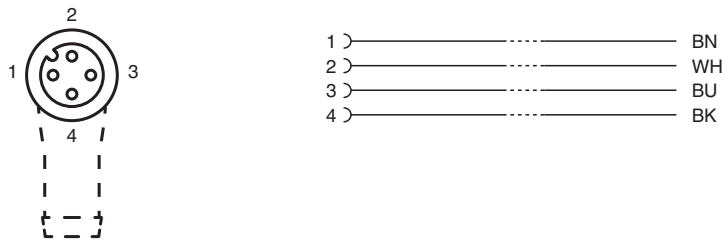
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PEPPERL+FUCHS

Technical Data

|                           |   |                                                                 |
|---------------------------|---|-----------------------------------------------------------------|
| Plug connector            |   | -40 ... 90 °C (-40 ... 194 °F)                                  |
| Cable, fixed              |   | -30 ... 80 °C (-22 ... 176 °F)                                  |
| Cable, flexing            |   | -10 ... 80 °C (14 ... 176 °F)                                   |
| Pollution degree          |   | 3                                                               |
| Mechanical specifications |   |                                                                 |
| Plug connector            |   |                                                                 |
| Tightening torque         |   | 0.6 Nm                                                          |
| Loosening protection      |   | available                                                       |
| Tool installation         |   | hexagon nut SW = 14 mm                                          |
| Mating cycles             |   | min. 100                                                        |
| Degree of protection      |   | IP68 / IP69                                                     |
| Cable                     |   | according to IEC/EN 60228 (DIN VDE 0295) class 6                |
| Sheath diameter           |   | 4.8 mm                                                          |
| Bending radius            |   | > 15 x cable diameter, moving<br>> 10 x cable diameter, fixed   |
| Sheath color              |   | blue (similar to RAL 5015)                                      |
| 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         |   | 42 x 0.1 mm Ø                                                   |
| Length                    | L | 2 m                                                             |
| Cable code                |   | Li FY 11Y 4 x 0.34                                              |
| Material                  |   |                                                                 |
| Plug connector            |   |                                                                 |
| Screw connection          |   | Stainless steel 1.4404 / AISI 316L                              |
| Body                      |   | TPU, black                                                      |
| Seal                      |   | FKM                                                             |
| Contact surface           |   | gold plated (Au)                                                |
| Flammability              |   | V-2                                                             |
| Cable                     |   |                                                                 |
| Sheathing                 |   | PUR based on polyether                                          |
| Core insulation           |   | PVC                                                             |
| Flammability              |   | HB                                                              |

Connection



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 |

**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 |