



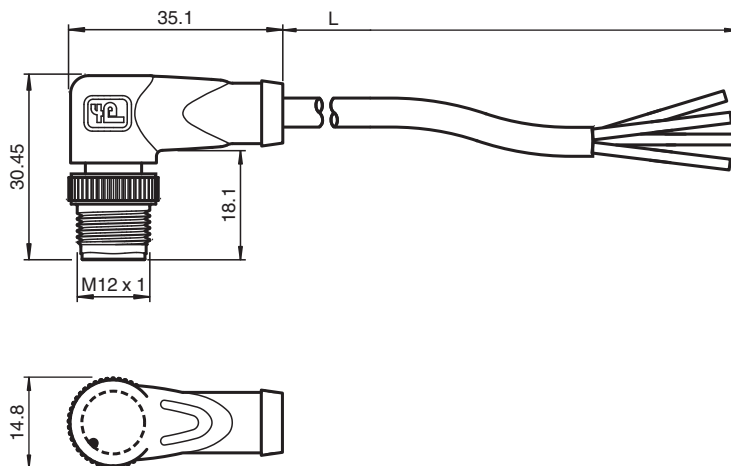
## Cable connector V1S-W-YE2M-PVC-U

- Degree of protection IP67 / IP68 / IP69
- cURus approval
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Male cordset single-ended M12 angled A-coded, 4-pin, PVC cable yellow, UL approved



### 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        |
| UL File Number    |  | E231213          |

#### 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 |

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

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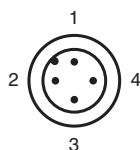
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**PEPPERL+FUCHS**

## Technical Data

|                                   |                         |                                                                 |
|-----------------------------------|-------------------------|-----------------------------------------------------------------|
| Flammability                      | UL 1581 , IEC 60332-1-2 |                                                                 |
| Halogen-free                      |                         | IEC 60754-1                                                     |
| <b>Approvals and certificates</b> |                         |                                                                 |
| UL approval                       |                         | AWM STYLE 2095 AWM I/II A/B 80°C 300V FT1 (cable)               |
| <b>Ambient conditions</b>         |                         |                                                                 |
| Ambient temperature               |                         |                                                                 |
| Plug connector                    |                         | -40 ... 90 °C (-40 ... 194 °F)                                  |
| Cable, fixed                      |                         | -25 ... 80 °C (-13 ... 176 °F)                                  |
| Cable, flexing                    |                         | -5 ... 80 °C (23 ... 176 °F)                                    |
| Pollution degree                  |                         | 3                                                               |
| <b>Mechanical specifications</b>  |                         |                                                                 |
| Plug connector                    |                         |                                                                 |
| Tightening torque                 |                         | 0.6 Nm                                                          |
| Loosening protection              |                         | available                                                       |
| Tool installation                 |                         | straight knurling                                               |
| Mating cycles                     |                         | min. 100                                                        |
| Degree of protection              |                         | IP67 / IP68 / IP69                                              |
| Cable                             |                         | according to IEC/EN 60228 (DIN VDE 0295) class 5                |
| Sheath diameter                   |                         | 4.3 mm                                                          |
| Bending radius                    |                         | > 15 x cable diameter, moving<br>> 5 x cable diameter, fixed    |
| Sheath stripping force            |                         | max. 50 N / 300 mm                                              |
| Sheath color                      |                         | yellow (similar to RAL 1021)                                    |
| 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                       | 2 m                                                             |
| Cable code                        |                         | Li YY 4 x 0,34                                                  |
| <b>Material</b>                   |                         |                                                                 |
| Plug connector                    |                         |                                                                 |
| Screw connection                  |                         | Zinc diecast, nickel-plated                                     |
| Body                              |                         | TPU, black                                                      |
| Contact surface                   |                         | Au                                                              |
| Flammability                      |                         | V-2                                                             |
| Cable                             |                         |                                                                 |
| Sheathing                         |                         | PVC                                                             |
| Core insulation                   |                         | PVC                                                             |
| Flammability                      |                         | FT1                                                             |

## Connection Assignment



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

## 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 |