

# Cable socket, shielded V15-W-15M-PVC-ABG

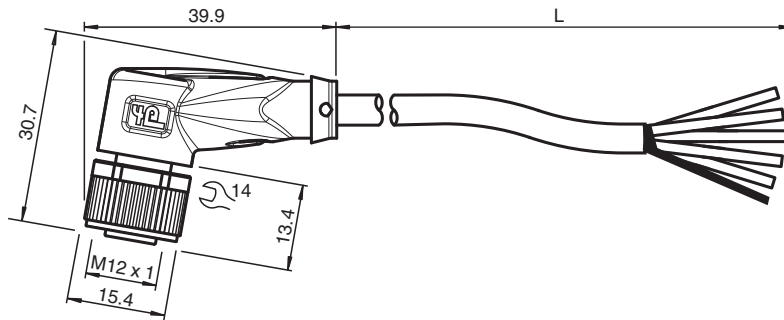


- Degree of protection IP68 / IP69
- Shield connected to screw connection
- Specific design protects against loosening and inaccurate installation

Female cordset single-ended M12 angled A-coded, 5-pin, PVC cable grey, shielded



## Dimensions



## Technical Data

### General specifications

|                   |  |                  |
|-------------------|--|------------------|
| Connector 1       |  |                  |
| Connection        |  | socket           |
| Construction type |  | M12              |
| Style             |  | angled           |
| Locking           |  | screw connection |
| Number of pins    |  | 5                |
| Coding            |  | A-coded          |
| Connector 2       |  |                  |
| Connection        |  | cable end        |

### Electrical specifications

|                   |       |                        |
|-------------------|-------|------------------------|
| Operating voltage | $U_B$ | max. 48 V AC / 60 V 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        |  | -30 ... 80 °C (-22 ... 176 °F) |

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

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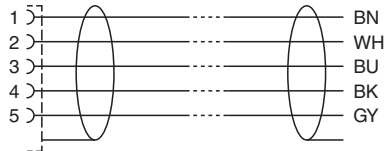
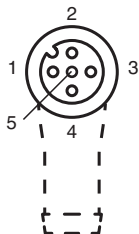
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**PEPPERL+FUCHS**

Technical Data

|                           |                              |                                                                                 |
|---------------------------|------------------------------|---------------------------------------------------------------------------------|
| Cable, flexing            | -15 ... 80 °C (5 ... 176 °F) |                                                                                 |
| Pollution degree          |                              | 3                                                                               |
| Mechanical specifications |                              |                                                                                 |
| 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 6                                |
| Sheath diameter           |                              | 4.8 mm                                                                          |
| Bending radius            |                              | > 10 x cable diameter, moving<br>> 5 x cable diameter, fixed                    |
| Sheath stripping force    |                              | max. 25 N / 100 mm                                                              |
| Sheath color              |                              | grey (similar to RAL 7001)                                                      |
| Number of cores           |                              | 5                                                                               |
| Core cross section        |                              | 0.34 mm²                                                                        |
| Cores color               |                              | Core 1: brown<br>Core 2: white<br>Core 3: blue<br>Core 4: black<br>Core 5: grey |
| Core construction         |                              | 19 x 0.15 mm Ø                                                                  |
| Shield                    |                              | tinned copper braiding, 85 % coverage                                           |
| Length                    | L                            | 15 m                                                                            |
| Cable code                |                              | Li 9Y YM 5 x 0,34                                                               |
| Material                  |                              |                                                                                 |
| 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           |                              | PP                                                                              |
| Flammability              |                              | flame-resistant                                                                 |

Connection



Accessories

|                                                                                     |                          |                             |
|-------------------------------------------------------------------------------------|--------------------------|-----------------------------|
|  | <b>MH V1-SCREWDRIVER</b> | Torque screwdriver (0.6 Nm) |
|-------------------------------------------------------------------------------------|--------------------------|-----------------------------|

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

## Accessories

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