



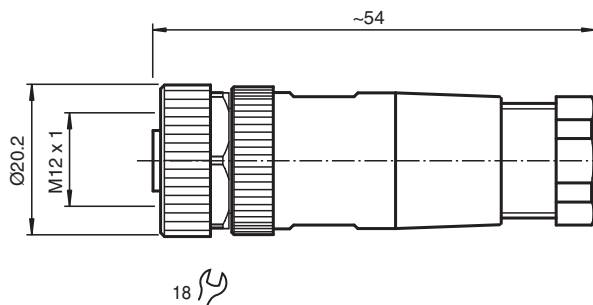
## Female connector, field-attachable V1-G-BK

- Screw terminal connection
- Metal locking
- Knurled nut suitable for tool assembly
- cURus approval

Female connector M12 straight A-coded 4-pin, for cable diameter 4 - 6 mm, field-attachable



### Dimensions



### Technical Data

#### General specifications

|                   |                  |
|-------------------|------------------|
| Connector 1       |                  |
| Connection        | socket           |
| Construction type | M12              |
| Style             | straight         |
| Locking           | screw connection |
| Number of pins    | 4                |
| Coding            | A-coded          |

#### Electrical specifications

|                       |       |                  |
|-----------------------|-------|------------------|
| Operating voltage     | $U_B$ | max. 250 V AC/DC |
| Operating current     | $I_B$ | max. 4 A         |
| Insulation resistance |       | min. 100 MΩ      |

#### Conformity

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

#### Approvals and certificates

|                |         |
|----------------|---------|
| UL File Number | E363587 |
|----------------|---------|

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

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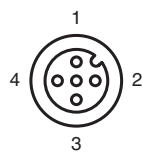
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**PEPPERL+FUCHS**

Technical Data

|                           |  |                                            |
|---------------------------|--|--------------------------------------------|
| Ambient conditions        |  |                                            |
| Ambient temperature       |  | -40 ... 85 °C (-40 ... 185 °F)             |
| Pollution degree          |  | 3                                          |
| Mechanical specifications |  |                                            |
| Plug connector            |  |                                            |
| Tightening torque         |  | 0.6 Nm                                     |
| Tool installation         |  | straight knurling , hexagon nut SW = 18 mm |
| Mating cycles             |  | min. 50                                    |
| Degree of protection      |  | IP67                                       |
| Connection                |  | screw terminals for max. 0.75 mm² / AWG 18 |
| Cable                     |  |                                            |
| Sheath diameter           |  | 4 ... 6 mm                                 |
| Core cross section        |  | 0.75 mm² / 18 AWG max.                     |
| Mass                      |  | 23.04 g                                    |
| Material                  |  |                                            |
| Plug connector            |  |                                            |
| Screw connection          |  | CuZn, nickel-plated                        |
| Body                      |  | PA, black                                  |
| Contact surface           |  | CuSnZn                                     |

Connection Assignment



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