

## Female connector, field-attachable V3-GM

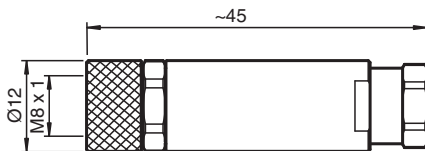


- Screw terminal connection
- Metal locking
- UL Recognized Component

Female connector M8 straight A-coded 3-pin, for cable diameter 3,5 - 5 mm, field-attachable



### Dimensions



### Technical Data

#### General specifications

|                   |  |                  |
|-------------------|--|------------------|
| Connector 1       |  |                  |
| Connection        |  | socket           |
| Construction type |  | M8               |
| Style             |  | straight         |
| Locking           |  | screw connection |
| Number of pins    |  | 3                |
| Coding            |  | A-coded          |

#### Electrical specifications

|                   |                |                 |
|-------------------|----------------|-----------------|
| Operating voltage | U <sub>B</sub> | max. 30 V AC/DC |
| Operating current | I <sub>B</sub> | max. 4 A        |

#### Conformity

|                      |  |                                    |
|----------------------|--|------------------------------------|
| Degree of protection |  | EN 60529                           |
| Plug connection      |  | connector M8 x 1 : IEC 61076-2-104 |

#### Approvals and certificates

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

#### Ambient conditions

|                     |  |                                |
|---------------------|--|--------------------------------|
| Ambient temperature |  | -40 ... 85 °C (-40 ... 185 °F) |
| Pollution degree    |  | 3                              |

#### Mechanical specifications

|                      |  |                                                                      |
|----------------------|--|----------------------------------------------------------------------|
| Plug connector       |  |                                                                      |
| Tightening torque    |  | 0.5 Nm                                                               |
| Tool installation    |  | cross-hatched knurling                                               |
| Mating cycles        |  | min. 100                                                             |
| Degree of protection |  | IP67                                                                 |
| Connection           |  | screw terminals for 0.14 ... 0.5 mm <sup>2</sup> / AWG 26 ... AWG 20 |

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

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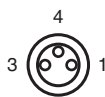
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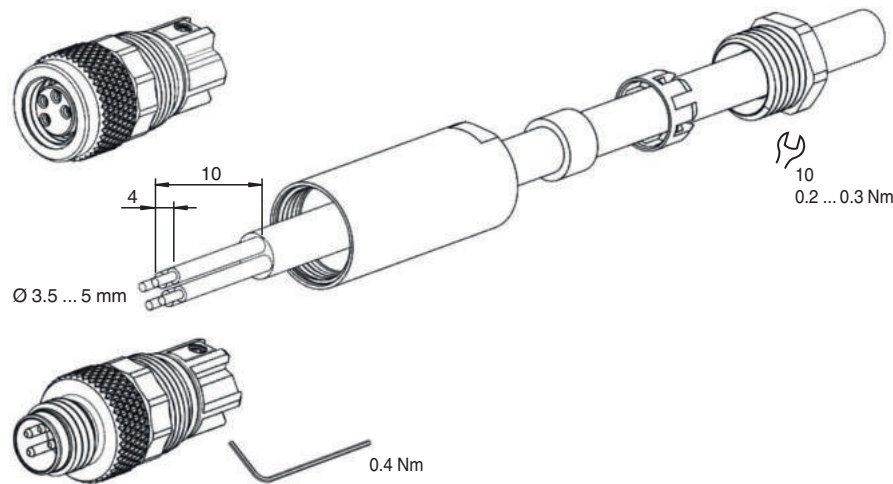
Technical Data

|                    |  |                                                       |
|--------------------|--|-------------------------------------------------------|
| Cable              |  |                                                       |
| Sheath diameter    |  | 3.5 ... 5 mm                                          |
| Core cross section |  | 0.5 mm <sup>2</sup> / 20 AWG max.                     |
| Installation       |  | screw terminals 0.4 Nm<br>pressure nut 0.2 ... 0.3 Nm |
| Mass               |  | 12.28 g                                               |
| Material           |  |                                                       |
| Plug connector     |  |                                                       |
| Screw connection   |  | CuZn, nickel-plated                                   |
| Body               |  | PBT, black                                            |
| Contact surface    |  | gold plated (Au)                                      |

Connection Assignment



Connection



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