

# Female connector, field-attachable V31-WM

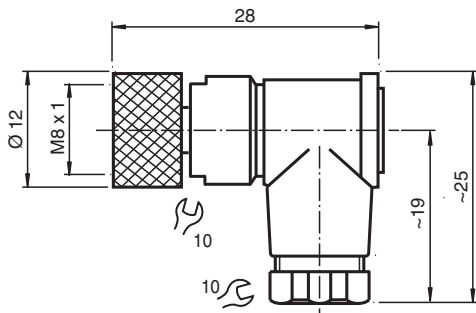


- Solder connection
- Metal locking
- UL Recognized Component

Female connector M8 angled A-coded 4-pin, for cable diameter 3,5 - 5 mm, field-attachable, solder connection



## Dimensions



## Technical Data

### General specifications

|                   |  |                                   |
|-------------------|--|-----------------------------------|
| Connector 1       |  |                                   |
| Connection        |  | socket                            |
| Construction type |  | M8                                |
| Style             |  | angled                            |
| Locking           |  | screw connection                  |
| Number of pins    |  | 4                                 |
| Coding            |  | A-coded                           |
| Customization     |  | Coding rotateable in steps of 90° |

### 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 |  |  |
|----------------|--|--|

Release date: 2024-06-03 Date of issue: 2024-06-08 Filename: 229285\_eng.pdf

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

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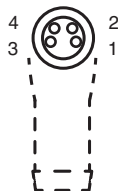
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Technical Data

|                      |                                              |
|----------------------|----------------------------------------------|
| Tightening torque    | 0.5 Nm                                       |
| Tool installation    | cross-hatched knurling                       |
| Mating cycles        | min. 100                                     |
| Degree of protection | IP67                                         |
| Connection           | Solder connection for max. 0.25 mm² / AWG 24 |
| Cable                |                                              |
| Sheath diameter      | 3.5 ... 5 mm                                 |
| Core cross section   | 0.25 mm² / 24 AWG max.                       |
| Installation         | pressure nut 0.2 ... 0.3 Nm                  |
| Mass                 | 10.52 g                                      |
| Material             |                                              |
| Plug connector       |                                              |
| Screw connection     | CuZn, nickel-plated                          |
| Body                 | PA, black                                    |
| Contact surface      | gold plated (Au)                             |

Connection Assignment



Connection

