

Female connector, field-attachable

V17-G-PG9

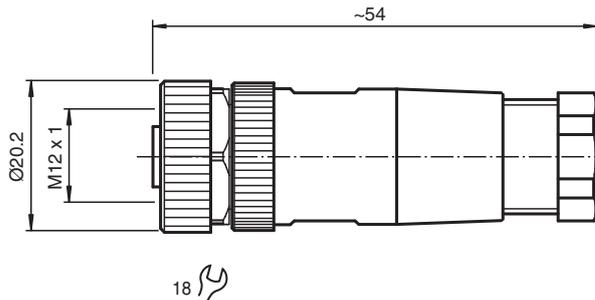


- Screw terminal connection
- Knurled nut suitable for tool assembly
- Metal locking
- UL Recognized Component

Female connector M12 straight A-coded 8-pin, for cable diameter 6 - 8 mm, field-attachable



Dimensions



Technical Data

General specifications

| | | | |
|-------------------|--|------------------|--|
| Connector 1 | | | |
| Connection | | socket | |
| Construction type | | M12 | |
| Style | | straight | |
| Locking | | screw connection | |
| Number of pins | | 8 | |
| Coding | | A-coded | |

Electrical specifications

| | | |
|-----------------------|----------------|-----------------|
| Operating voltage | U _B | max. 30 V AC/DC |
| Operating current | I _B | max. 2 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 |
|----------------|---------|

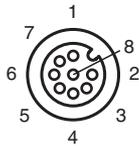
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

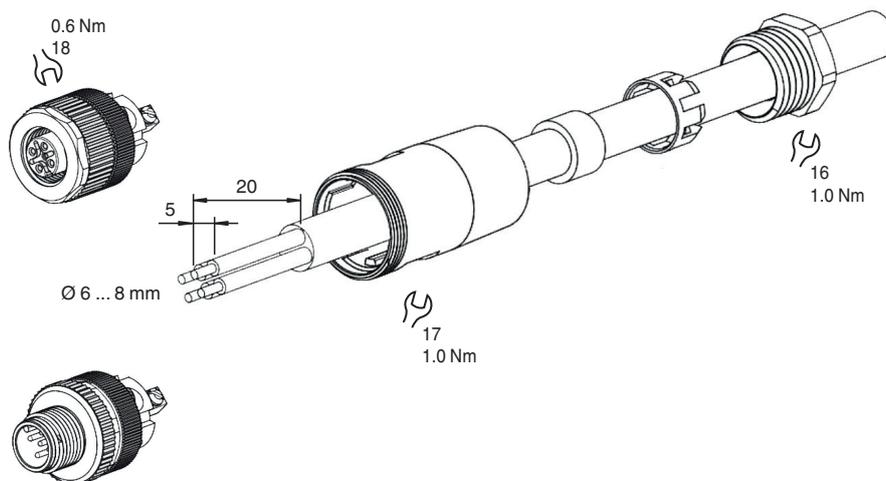
Technical Data

| | |
|----------------------------------|--|
| 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. 100 |
| Degree of protection | IP67 |
| Connection | screw terminals for max. 0.5 mm ² / AWG 20 |
| Cable | |
| Sheath diameter | 6 ... 8 mm |
| Core cross section | 0.5 mm ² / 20 AWG max. |
| Installation | screw terminals 0.2 Nm pressure nut 1 Nm body 1 Nm |
| Mass | 27 g |
| Material | |
| Plug connector | |
| Screw connection | Zinc diecast, nickel-plated |
| Body | PA, black |
| Contact surface | gold plated (Au) |

Connection Assignment



Connection



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Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

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