



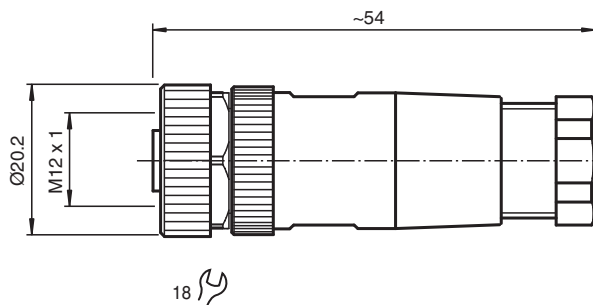
Female connector, field-attachable V17-G-PG9

- 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".

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

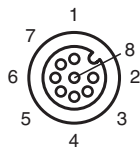
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

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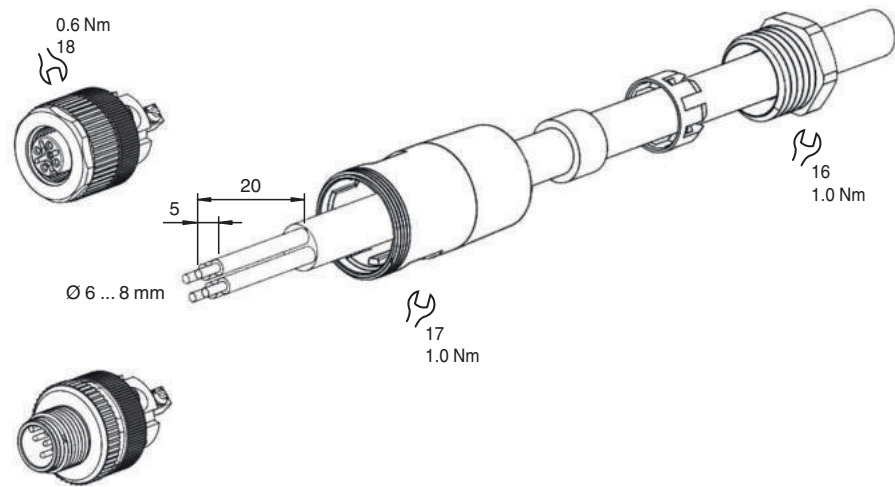
Technical Data

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 mm² / AWG 20
Cable		
Sheath diameter		6 ... 8 mm
Core cross section		0.5 mm² / 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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