

Female connector, field-attachable V15L-G-BK

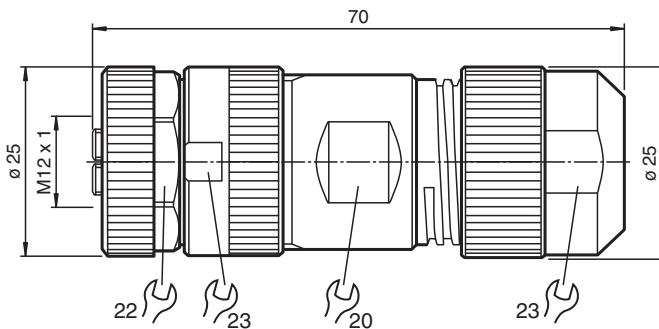


- Field-attachable
- Screw terminal connection
- Metal locking
- Knurled nut suitable for tool assembly
- UL Recognized Component

Female connector M12 straight L-coded 5-pin, for cable diameter 8 - 13 mm, field-attachable



Dimensions



Technical Data

General specifications

Connector 1	
Connection	socket
Construction type	M12
Style	straight
Locking	screw connection
Number of pins	5
Coding	L-coded

Electrical specifications

Rated operating voltage	U_e	max. 48 V AC / 63 V DC
Rated operating current	I_e	1.5 mm ² , AWG 16 : 12 A 2.5 mm ² , AWG 14 : 16 A
Surge protection		Category III
Insulation resistance		min. 10000 MΩ

Conformity

Degree of protection	EN 60529
Plug connection	connector M12 x 1 : IEC 61076-2-111

Approvals and certificates

UL File Number	E363587
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Ambient conditions

Ambient temperature	-40 ... 105 °C (-40 ... 221 °F)
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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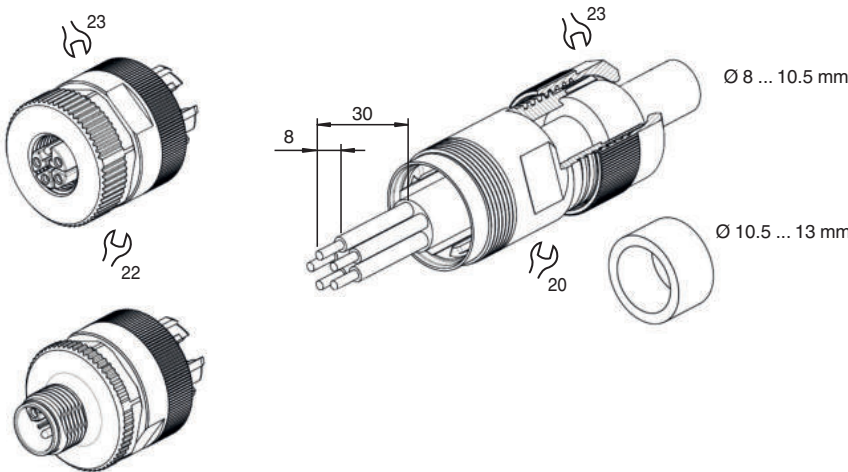
Technical Data

Pollution degree		3
Mechanical specifications		
Plug connector		
Tightening torque		0.6 Nm
Tool installation		straight knurling , hexagon nut SW = 22 mm
Mating cycles		min. 100
Degree of protection		IP67
Connection		screw terminals for max. 1.5 mm² / AWG 16 with wire end ferrule screw terminals for max. 2.5 mm² / AWG 14 without wire end ferrules
Cable		
Sheath diameter		8 ... 13 mm
Core cross section		2.5 mm² / 14 AWG max.
Installation		screw terminals 0.4 Nm
Mass		52 g
Material		
Plug connector		
Screw connection		CuZn, nickel-plated
Body		PA, black
Contact surface		gold plated (Au)
Flammability		V-0

Connection Assignment



Connection



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