



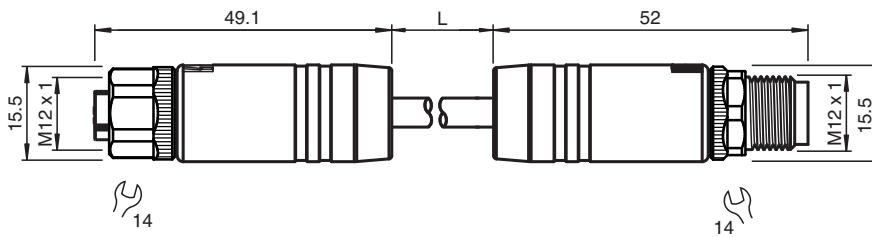
## Connection cable V15L-G-2M-PUR-U-V15L-G

- Degree of protection IP65 / IP67 / IP69
- Free of paint wetting interfering substances
- UL listed for USA and Canada
- Halogen-free
- 600 V AC rated operational voltage
- Screw connection suitable for tool assembly
- Image is generic for this device type and may deviate from the specific variant

Cordset M12 socket straight to M12 plug straight L-coded, 5-pin, PUR cable grey, UL approved



### Dimensions



### Technical Data

#### General specifications

Connector 1	
Connection	socket
Construction type	M12
Style	straight
Locking	screw connection
Number of pins	5
Coding	L-coded
Connector 2	
Connection	plug
Construction type	M12
Style	straight
Locking	screw connection
Number of pins	5
Coding	L-coded
UL File Number	E520151

#### Electrical specifications

Release date: 2021-12-16 Date of issue: 2021-12-16 Filename: 300758\_eng.pdf

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

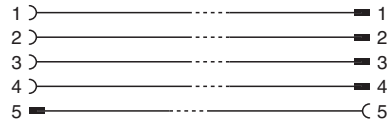
Singapore: +65 6779 9091  
fa-info@sg.pepperl-fuchs.com

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## Technical Data

Rated operating voltage	U <sub>e</sub>	600 V AC
Operating voltage	U <sub>B</sub>	max. 48 V AC / 60 V DC
Operating current	I <sub>B</sub>	max. 16 A
<b>Conformity</b>		
Degree of protection		EN 60529
Plug connection		connector M12 x 1 : IEC 61076-2-111
Flammability		IEC 60332-1-2
Halogen-free		DIN VDE 0472-815
Oil resistance		DIN EN 60811-404
<b>Approvals and certificates</b>		
UL approval		AWM STYLE 20939 80°C 600V VW-1 (cable)
<b>Ambient conditions</b>		
Ambient temperature		
Plug connector		-40 ... 125 °C (-40 ... 257 °F) note derating
Cable, fixed		-40 ... 90 °C (-40 ... 194 °F) UL -40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-30 ... 90 °C (-22 ... 194 °F) UL -30 ... 80 °C (-22 ... 176 °F)
Pollution degree		3
<b>Mechanical specifications</b>		
Plug connector		
Tightening torque		0.6 Nm
Tool installation		straight knurling and hexagon nut SW = 14 mm
Mating cycles		min. 100
Degree of protection		IP65/IP67/IP69
Cable		
Sheath diameter		8 mm
Bending radius		> 7.5 x cable diameter, moving > 4 x cable diameter, fixed
Sheath color		grey (similar to RAL 7032)
Number of cores		5
Core cross section		1.5 mm <sup>2</sup>
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black Core 5: pink
Length	L	2 m
Cable code		Li 9Y 11Y 5 x 1,50
<b>Material</b>		
PWIS free		yes
Halogen-free		yes
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		TPE, black
Seal		FKM
Contact surface		Cu/Au
Flammability		HB
Cable		
Sheathing		PUR
Core insulation		PP
Oil resistance		yes
Flammability		VW-1

# Connection Assignment



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