



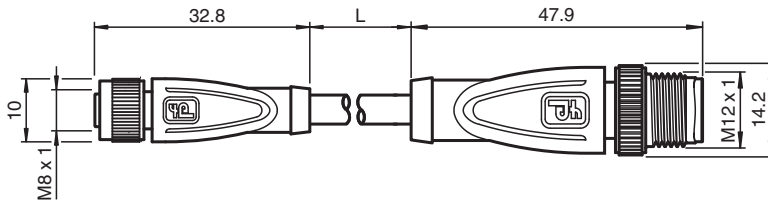
## Connection cable V3-GM-BK0,6M-PVC-U-V11-G

- Degree of protection IP67 / IP68 / IP69
- cURus approval
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Cordset M8 socket straight to M12 plug straight A-coded, 3-pin, PVC cable black, UL approved



### Dimensions



### Technical Data

#### General specifications

<b>Connector 1</b>	
Connection	socket
Construction type	M8
Style	straight
Locking	screw connection
Number of pins	3
Coding	A-coded
<b>Connector 2</b>	
Connection	plug
Construction type	M12
Style	straight
Locking	screw connection
Number of pins	3
Coding	A-coded
UL File Number	E231213

#### Electrical specifications

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

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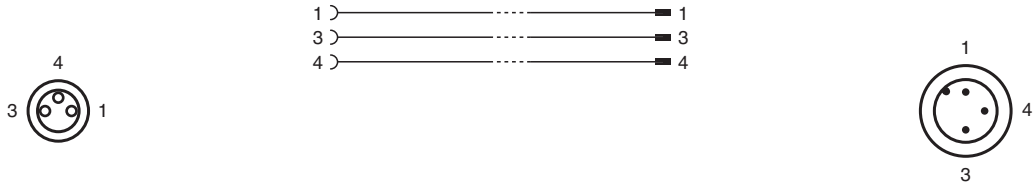
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## Technical Data

Operating voltage	U <sub>B</sub>	max. 48 V AC / 60 V DC
Operating current	I <sub>B</sub>	max. 3 A
<b>Conformity</b>		
Degree of protection		EN 60529
Plug connection		connector M8 x 1 : IEC 61076-2-104 connector M12 x 1 : IEC 61076-2-101
Flammability		UL 1581 , IEC 60332-1-2
<b>Approvals and certificates</b>		
UL approval		AWM STYLE 2095 AWM I/II A/B 80°C 300V FT1 (cable)
<b>Ambient conditions</b>		
Ambient temperature		
Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed		-25 ... 80 °C (-13 ... 176 °F)
Cable, flexing		-5 ... 80 °C (23 ... 176 °F)
Pollution degree		3
<b>Mechanical specifications</b>		
Connector 1		
Tightening torque		0.4 Nm
Loosening protection		available
Tool installation		straight knurling
Mating cycles		min. 100
Degree of protection		IP67
Connector 2		
Tightening torque		0.6 Nm
Loosening protection		available
Tool installation		straight knurling
Mating cycles		min. 100
Degree of protection		IP67 / IP68 / IP69
Cable		
Sheath diameter		4.3 mm
Bending radius		> 15 x cable diameter, moving > 5 x cable diameter, fixed
Sheath stripping force		max. 50 N / 300 mm
Sheath color		black (similar to RAL 9005)
Number of cores		3
Core cross-section		0.34 mm <sup>2</sup>
Cores color		Core 1: brown Core 3: blue Core 4: black
Core construction		19 x 0.15 mm Ø
Length	L	0.6 m
Cable code		Li YY 3 x 0,34
<b>Material</b>		
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Contact surface		Au
Flammability		V-2
Cable		
Sheathing		PVC
Core insulation		PVC
Flammability		FT1

# Connection Assignment



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