



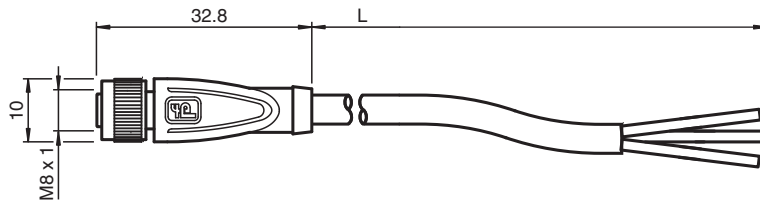
## Female cordset V3-GM-5M-PVC

- Degree of protection IP67
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Female cordset single-ended M8 straight A-coded, 3-pin, PVC cable grey



### 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		cable end	

#### Electrical specifications

Operating voltage	$U_B$	max. 48 V AC / 60 V DC	
Operating current	$I_B$	max. 3 A	

#### Conformity

Degree of protection		EN 60529	
Plug connection		connector M8 x 1 : IEC 61076-2-104	

#### Ambient conditions

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

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## Technical Data

Ambient temperature		
Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed		-40 ... 70 °C (-40 ... 158 °F)
Cable, flexing		-5 ... 70 °C (23 ... 158 °F)
Pollution degree		3
<b>Mechanical specifications</b>		
Plug connector		
Tightening torque		0.4 Nm
Loosening protection		available
Tool installation		straight knurling
Mating cycles		min. 100
Degree of protection		IP67
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		4.3 mm
Bending radius		> 15 x cable diameter, moving > 10 x cable diameter, fixed
Sheath stripping force		max. 80 N / 300 mm
Sheath color		grey (similar to RAL 7001)
Number of cores		3
Core cross-section		0.25 mm <sup>2</sup>
Cores color		Core 1: brown Core 3: blue Core 4: black
Core construction		14 x 0.15 mm Ø
Length	L	5 m
Cable code		Li YY 3 x 0.25
<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		flame-resistant

## Connection Assignment



1 )	—————	—————	BN
3 )	—————	—————	BU
4 )	—————	—————	BK