



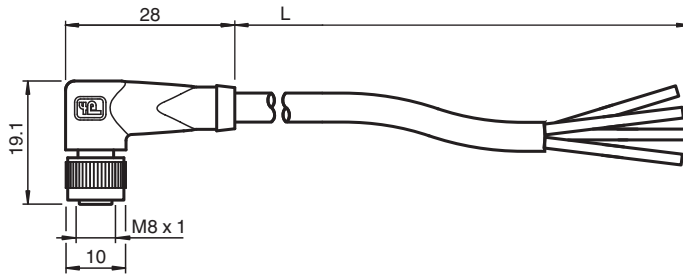
Female cordset V31-WM-2M-PVC

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

Female cordset single-ended M8 angled A-coded, 4-pin, PVC cable grey



Dimensions



Technical Data

General specifications

Connector 1			
Connection		socket	
Construction type		M8	
Style		angled	
Locking		screw connection	
Number of pins		4	
Coding		A-coded	
Connector 2			
Connection		cable end	

Electrical specifications

Operating voltage	U_B	max. 30 V AC/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
Mechanical specifications		
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		4
Core cross-section		0.25 mm ²
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black
Core construction		14 x 0.15 mm Ø
Length	L	2 m
Cable code		Li YY 4 x 0,25
Material		
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
2)	-----	WH
3)	-----	BU
4)	-----	BK