



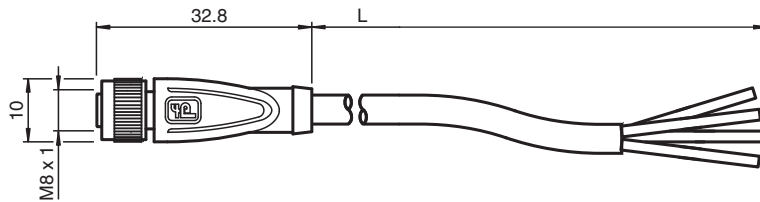
## Female cordset V31-GM-BK0,3M-PVC-U

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

Female cordset single-ended M8 straight A-coded, 4-pin, PVC cable black, UL approved



### Dimensions



### Technical Data

General specifications			
Connector 1			
Connection		socket	
Construction type		M8	
Style		straight	
Locking		screw connection	
Number of pins		4	
Coding		A-coded	
Connector 2			
Connection		cable end	
UL File Number		E231213	
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	

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

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## Technical Data

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>		
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 > 5 x cable diameter, fixed	
Sheath stripping force	max. 50 N / 300 mm	
Sheath color	black (similar to RAL 9005)	
Number of cores	4	
Core cross-section	0.34 mm <sup>2</sup>	
Cores color	Core 1: brown Core 2: white Core 3: blue Core 4: black	
Core construction	19 x 0.15 mm Ø	
Length	L	0.3 m
Cable code	Li YY 4 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

