

Connection cable

V1-G-BK0,3M-PVC-U-V1-W

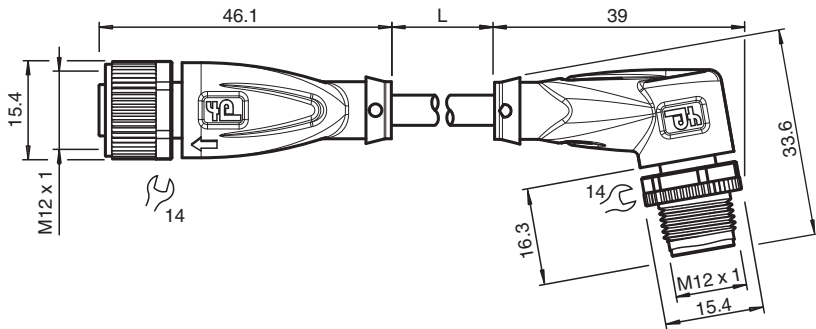


- Degree of protection IP68 / IP69
- UL listed for USA and Canada
- Specific design protects against loosening and inaccurate installation

Cordset M12 socket straight to M12 plug angled A-coded, 4-pin, PVC cable black, UL approved



Dimensions



Technical Data

General specifications		
Connector 1		
Connection		socket
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		4
Coding		A-coded
Connector 2		
Connection		plug
Construction type		M12
Style		angled
Locking		screw connection
Number of pins		4
Coding		A-coded
Electrical specifications		
Operating voltage	U _B	max. 250 V AC/DC
Operating current	I _B	max. 4 A
Conformity		
Degree of protection		EN 60529
Plug connection		connector M12 x 1 : IEC 61076-2-101

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

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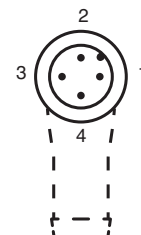
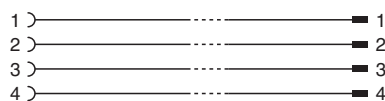
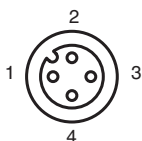
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PEPPERL+FUCHS

Technical Data

Flammability	UL 1581 , IEC 60332-1-2	
Approvals and certificates		
UL approval	AWM STYLE 2095 AWM I/II A/B 80°C 300V FT1 (cable)	
UL File Number		E231213
Ambient conditions		
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
Mechanical specifications		
Plug connector		
Tightening torque	0.6 Nm	
Loosening protection		available
Tool installation	straight knurling and hexagon nut SW = 14 mm	
Mating cycles		min. 100
Degree of protection	IP68 / IP69	
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 mm²
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
Material		
Plug connector		
Screw connection	Zinc diecast, nickel-plated	
Body		TPU, black
Seal	FKM	
Contact surface		gold plated (Au)
Flammability	V-2	
Cable		
Sheathing	PVC	
Core insulation		PVC
Flammability	FT1	

Connection



Accessories

	MH V1-SCREWDRIVER	Torque screwdriver (0.6 Nm)
	MH V1-BIT M12	plug-in cap M12
	V1/V3-LABELHOLDER	Label holder
	V1/V3-LABEL	Label plate
	MH V1-Holder	Modular universal holder for M12 connectors
	V1-CLIP	Unlocking protector for M12 connector
	V1-MARKING-RING-COLOR	Marking rings for M12 connectors, various colors