

Connection cable

V1-G-1M-PUR-V1-W

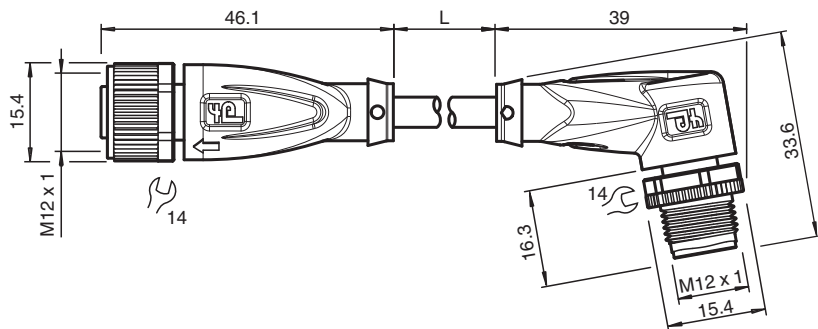


- Degree of protection IP68 / IP69
- Resistant to microbes and hydrolysis
- Halogen-free
- Specific design protects against loosening and inaccurate installation

Cordset M12 socket straight to M12 plug angled A-coded, 4-pin, PUR cable grey



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	

Release date: 2023-07-13 Date of issue: 2023-07-13 Filename: 096745_eng.pdf

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

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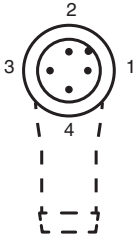
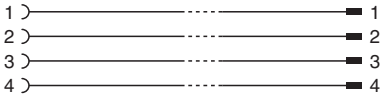
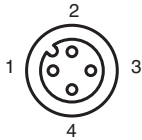
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Technical Data

Halogen-free		IEC 60754-1	
Ambient conditions			
Ambient temperature			
Plug connector			-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed			-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing			-25 ... 80 °C (-13 ... 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			4.8 mm
Bending radius		> 10 x cable diameter, moving > 8 x cable diameter, fixed	
Sheath stripping force			max. 60 N / 500 mm
Sheath color		grey (similar to RAL 7001)	
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	1 m
Cable code		Li 9Y 11YM 4 x 0.34	
Drag chain suitability			
Drag chain cycles		max. 50 / day	
Motion velocity			max. 0.3 m/s
Material			
Halogen-free			yes
Plug connector			
Screw connection			Zinc diecast, nickel-plated
Body		TPU, black	
Seal			FKM
Contact surface		gold plated (Au)	
Flammability			V-2
Cable			
Sheathing			PUR based on polyether
Core insulation		PP	
Chemical resistance			good
Microbial resistance		yes	
Hydrolysis resistance			yes

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