

Connection cable

V11-W-3M-PUR-V3-GM

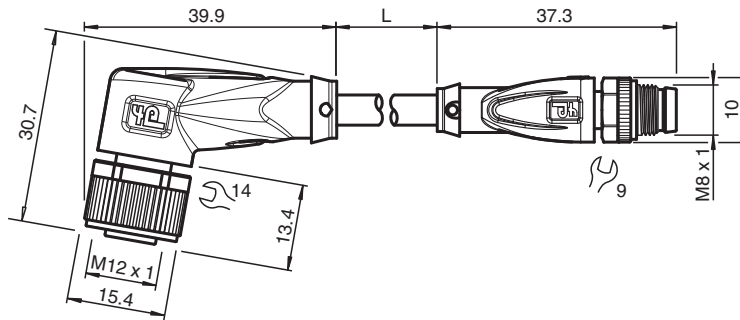


- Degree of protection IP68
- Resistant to microbes and hydrolysis
- Halogen-free
- Specific design protects against loosening and inaccurate installation

Cordset M12 socket angled to M8 plug straight A-coded, 3-pin, PUR cable grey



Dimensions



Technical Data

General specifications

Connector 1		
Connection		socket
Construction type		M12
Style		angled
Locking		screw connection
Number of pins		3
Coding		A-coded
Connector 2		
Connection		plug
Construction type		M8
Style		straight
Locking		screw connection
Number of pins		3
Coding		A-coded

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 M12 x 1 : IEC 61076-2-101 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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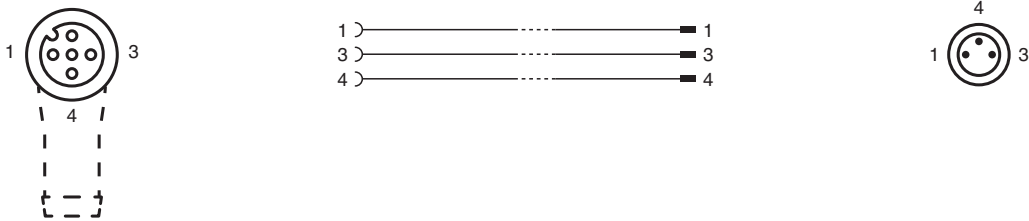
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Technical Data

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			
Connector 1			
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
Connector 2			
Tightening torque			0.4 Nm
Loosening protection			available
Tool installation			straight knurling and hexagon nut SW = 9 mm
Mating cycles			min. 100
Degree of protection			IP68
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. 10 N / 50 mm
Sheath color			grey (similar to RAL 7001)
Number of cores			3
Core cross section			0.34 mm²
Cores color			Core 1: brown Core 3: blue Core 4: black
Core construction			19 x 0.15 mm Ø
Length		L	3 m
Cable code			Li 9Y 11YM 3 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

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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
	MH V3-SCREWDRIVER	Torque screwdriver (0.4 Nm)
	MH V3-BIT M8	plug-in cap for M8
	MH V3-Holder	Modular universal holder for M8 connectors