



Adapter cable

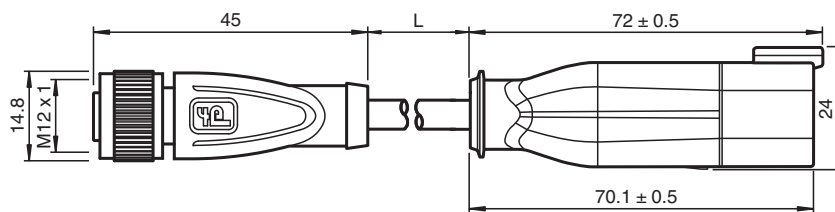
V15-G-BK0,3M-PUR-O1-DT6P-G

- Suitable for outdoor use (UV- and ozone resistant)
- Suitable for drag chains and abrasion resistant
- Degree of protection IP68
- Resistant to microbes and hydrolysis
- Oil resistant
- Resistant to salt water
- cURus approval
- Halogen-free
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Cordset, M12 to Deutsch connector, 5-pin PUR cable, outdoor



Dimensions



Technical Data

General specifications

Connector 1			
Connection		socket	
Construction type		M12	
Style		straight	
Locking		screw connection	
Number of pins		5	
Coding		A-coded	
Connector 2			
Connection		plug	
Construction type		Deutsch connectors	
Style		straight	
Locking		snap locking	
Number of pins		6	
Electrical specifications			
Operating voltage	U_B	max. 48 V AC / 60 V DC	
Operating current	I_B	max. 4 A per contact	

Release date: 2023-05-04 Date of issue: 2023-05-04 Filename: 305275_eng.pdf

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

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Technical Data

Conformity

Degree of protection		EN 60529
Plug connection		connector M12 x 1 : IEC 61076-2-101
Flammability		UL 1581; DIN EN 60332-2-2
Halogen-free		DIN VDE 0472-815 / DIN EN 50267-2-1
Oil resistance		DIN EN 60811-2-1

Ambient conditions

Ambient temperature		
Connector 1		-40 ... 90 °C (-40 ... 194 °F)
Connector 2		-40 ... 125 °C (-40 ... 257 °F)
Cable, fixed		-50 ... 105 °C (-58 ... 221 °F)
Cable, flexing		-30 ... 105 °C (-22 ... 221 °F)
Pollution degree		3

Mechanical specifications

Connector 1		
Tightening torque		0.6 Nm
Loosening protection		available
Tool installation		straight knurling
Mating cycles		min. 100
Degree of protection		IP67 / IP68 / IP69
Connector 2		
Loosening protection		available
Degree of protection		IP68
Cable		
Sheath diameter		4.8 mm
Bending radius		> 10 x cable diameter, moving > 5 x cable diameter, fixed
Sheath stripping force		max. 50 N / 300 mm
Sheath color		black (similar to RAL 7021)
Number of cores		5
Core cross section		0.5 mm ²
Coors color		Core 1: brown Core 2: white Core 3: blue Core 4: black Core 5: grey
Core construction		28 x 0.15 mm Ø 1 x symmetrically twisted
Length	L	0.3 m
Cable code		Li 9Y 11Y 5 x 0,50
Drag chain suitability		
Drag chain cycles		min. 2000000
Motion velocity		max. 3 m/s
Traverse distance		max. 10 m
Acceleration		max. 10 m/s ²

Material

Halogen-free		yes
Connector 1		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Contact surface		Au
Flammability		V-2
Connector 2		
Body		PA, black
Contact surface		Ni

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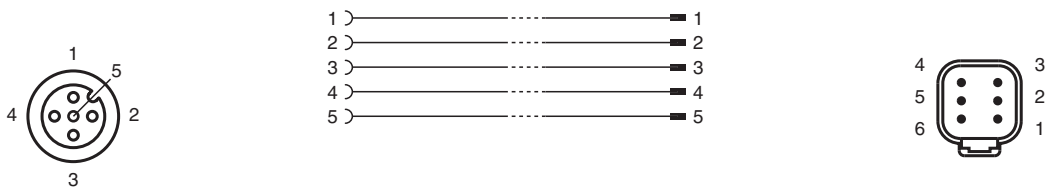
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Technical Data

Flammability	V-0
Cable	
Sheathing	PUR based on polyether
Core insulation	PP
Salt water resistance	yes
UV resistance	yes
Chemical resistance	good
Oil resistance	yes
Cooling lubricant resistance	yes
Microbial resistance	yes
Hydrolysis resistance	yes
Flammability	FT2

Connection Assignment



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

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