



## Adapter cable

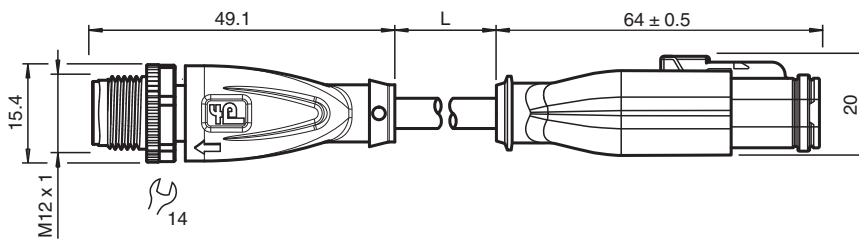
### V15S-G-BK3M-PUR-O1-DT4S-G

- 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
- Halogen-free
- Specific design protects against loosening and inaccurate installation

Adapter cable M12 plug straight A-coded 5-pin to Deutsch socket straight 4-pin, PUR cable black, drag chain suitable, outdoor



## Dimensions



## Technical Data

### General specifications

Connector 1	
Connection	plug
Construction type	M12
Style	straight
Locking	screw connection
Number of pins	5
Coding	A-coded
Connector 2	
Connection	socket
Construction type	Deutsch connectors
Style	straight
Locking	snap locking
Number of pins	4

### Electrical specifications

Operating voltage	$U_B$	max. 48 V AC / 60 V DC
Operating current	$I_B$	max. 4 A per contact

### 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

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## Technical Data

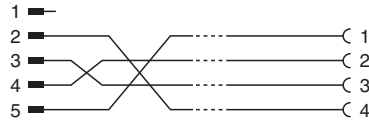
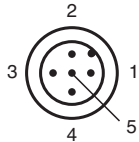
<b>Ambient conditions</b>		
Ambient temperature		
Connector 1		-40 ... 90 °C (-40 ... 194 °F)
Connector 2		-40 ... 125 °C (-40 ... 257 °F)
Cable, fixed		-50 ... 105 °C (-58 ... 221 °F)
Cable, flexing		-30 ... 105 °C (-22 ... 221 °F)
Pollution degree		3
<b>Mechanical specifications</b>		
<b>Connector 1</b>		
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
<b>Connector 2</b>		
Loosening protection		available
Degree of protection		IP68
<b>Cable</b>		
		according to IEC/EN 60228 (DIN VDE 0295) class 6
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		4
Core cross section		0.5 mm <sup>2</sup>
Cores color		Core 2-4: white Core 3-3: blue Core 4-2: black Core 5-1: brown
Core construction		28 x 0.15 mm Ø 1 x symmetrically twisted
Length	L	3 m
Cable code		Li 9Y 11Y 4 x 0,50
<b>Drag chain suitability</b>		
Drag chain cycles		min. 2000000
Motion velocity		max. 3 m/s
Traverse distance		max. 10 m
Acceleration		max. 10 m/s <sup>2</sup>
<b>Material</b>		
Halogen-free		yes
<b>Connector 1</b>		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Contact surface		gold plated (Au)
Flammability		V-2
<b>Connector 2</b>		
Body		PA, black
Contact surface		nickel plated (Ni)
Flammability		V-0
<b>Cable</b>		
Sheathing		PUR based on polyether
Core insulation		PP
Salt water resistance		yes
UV resistance		yes
Chemical resistance		good

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Oil resistance	yes
Cooling lubricant resistance	yes
Microbial resistance	yes
Hydrolysis resistance	yes
Flammability	FT2

### Connection



### Accessories

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

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