

# Adapter cable

## V19-G-BK2M-PUR-O2S-V1-G-YPCV1

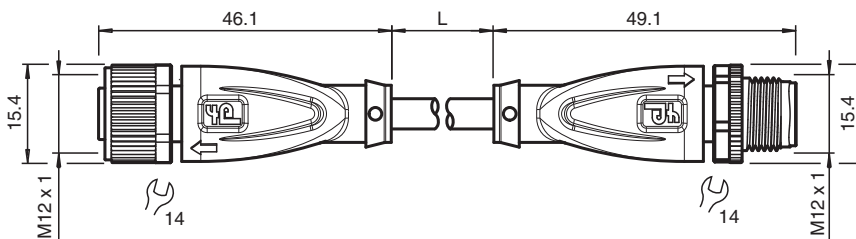


- Suitable for drag chains and abrasion resistant
- Degree of protection IP68 / IP69
- Resistant to microbes and hydrolysis
- UV resistant
- Resistant to salt water
- UL listed for USA and Canada
- Halogen-free
- Shield connected to screw connection
- Specific design protects against loosening and inaccurate installation

Adapter cable M12 socket straight A-coded 8-pin to M12 plug straight A-coded 4-pin, PUR cable black, shielded, UL approved, drag chain suitable, outdoor



### Dimensions



### Technical Data

General specifications			
<b>Connector 1</b>			
Connection		socket	
Construction type		M12	
Style		straight	
Locking		screw connection	
Number of pins		8	
Coding		A-coded	
<b>Connector 2</b>			
Connection		plug	
Construction type		M12	
Style		straight	
Locking		screw connection	
Number of pins		4	
Coding		A-coded	
Electrical specifications			
Operating voltage	U <sub>B</sub>	max. 30 V AC/DC	
Operating current	I <sub>B</sub>	max. 2 A	
Conformity			
Degree of protection		EN 60529	
Plug connection		connector M12 x 1 : IEC 61076-2-101	
Flammability		UL 1581 , IEC 60332-1-2	
Halogen-free		IEC 60754-1	

Release date: 2024-03-04 Date of issue: 2024-03-04 Filename: 70162766\_eng.pdf

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

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## Technical Data

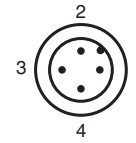
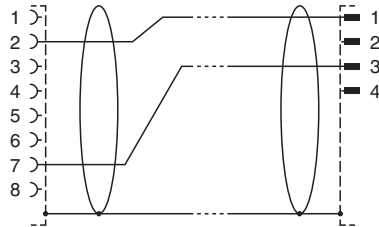
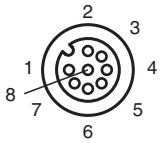
Chemical resistance		DIN EN 60811-2-1
Microbial resistance		DIN EN 50525-2-21 / DIN VDE 0282-10
Hydrolysis resistance		DIN EN 50525-2-21
Oil resistance		DIN EN 60811-2-1
<b>Approvals and certificates</b>		
UL approval		AWM STYLE 21924/11558 105°C 300V AWM I A/B 105°C 300V FT2 (cable)
UL File Number		E231213
<b>Ambient conditions</b>		
Ambient temperature		
Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed		-50 ... 105 °C (-58 ... 221 °F)
Cable, flexing		-30 ... 105 °C (-22 ... 221 °F)
Pollution degree		3
<b>Mechanical specifications</b>		
Plug connector		
Tightening torque		0.6 Nm
Loosening protection		available
Tool installation		straight knurling and hexagon nut SW = 14 mm
Mating cycles		min. 100
Shielding		shield connected to screw connection
Degree of protection		IP68 / IP69
Cable		
Sheath diameter		6 mm
Bending radius		> 10 x cable diameter, moving > 5 x cable diameter, single bend
Sheath stripping force		max. 80 N / 500 mm
Sheath color		black (similar to RAL 9005)
Number of cores		4
Core cross section		0.34 mm <sup>2</sup>
Cores color		Core 2-1: blue Core 7-3: white
Core construction		19 x 0.15 mm Ø twisted pairs
Shield		tinned copper braiding, 85 % coverage
Length	L	2 m
Cable code		Li 9Y C11Y 2 x 2 x 0,34
Drag chain suitability		
Drag chain cycles		min. 3000000
Motion velocity		max. 2.5 m/s
Traverse distance		0.51 m
Acceleration		max. 12 m/s <sup>2</sup>
<b>Material</b>		
PWIS free		yes
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
Salt water resistance		yes

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Oil resistance	yes
Microbial resistance	yes
Hydrolysis resistance	yes
Flammability	FT2

### Connection



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