



## Connection cable

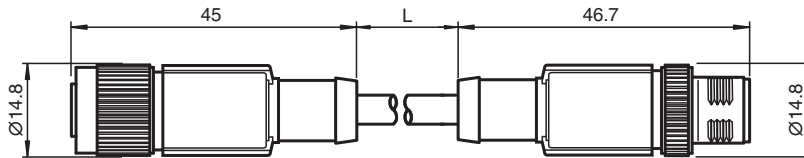
### V112-G-BK3M-PUR-ABG-V112-G

- Suitable for drag chains and abrasion resistant
- Resistant to microbes and hydrolysis
- Halogen-free
- Immunity to vibration, with mechanical latching
- Knurled nut suitable for tool assembly

Cordset M12 socket to M12 plug A-coded, 12-pin, PUR cable black, shielded



## Dimensions



## Technical Data

### General specifications

<b>Connector 1</b>		
Connection		socket
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		12
Coding		A-coded
<b>Connector 2</b>		
Connection		plug
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		12
Coding		A-coded

### Electrical specifications

Operating voltage	U <sub>B</sub>	30 V
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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**Technical Data**

Operating current	I <sub>B</sub>	1.5 A
Surge protection		category II
<b>Conformity</b>		
Degree of protection		EN 60529
Plug connection		connector M12 x 1 : IEC 61076-2-101
Flammability		IEC 60332-1-2 , UL 1581
Microbial resistance		DIN VDE 0282-10 / EN 50396
Hydrolysis resistance		EN 50396 / DIN VDE 0282-10
Oil resistance		DIN EN 60811-2-1 / DIN VDE 0472 T.803, test type B
<b>Ambient conditions</b>		
Ambient temperature		
Plug connector		-25 ... 85 °C (-13 ... 185 °F)
Cable, fixed		-30 ... 80 °C (-22 ... 176 °F)
Cable, flexing		-5 ... 80 °C (23 ... 176 °F)
Pollution degree		3
<b>Mechanical specifications</b>		
Plug connector		
Tightening torque		0.4 Nm
Tool installation		straight knurling
Mating cycles		min. 100
Shielding		shield connected to screw connection
Degree of protection		IP65/IP67/IP68
Cable		
Sheath diameter		8.5 mm
Bending radius		> 10 x cable diameter, moving > 5 x cable diameter, fixed
Sheath color		black (similar to RAL 9005)
Number of cores		12
Core cross section		0.14 mm <sup>2</sup>
Coresh color		Core 1: brown Core 2: blue Core 3: white Core 4: green Core 5: pink Core 6: yellow Core 7: black Core 8: grey Core 9: red Core 10: violet Core 11: grey/pink Core 12: red/blue
Core construction		18 x 0.1 mm Ø twisted pairs
Shield		tinned copper braiding, 85 % coverage
Length	L	3 m
Cable code		LSPYwC11Y
Drag chain suitability		
Drag chain cycles		min. 2000000
Motion velocity		max. 3 m/s
Traverse distance		10 m
Acceleration		max. 10 m/s <sup>2</sup>
<b>Material</b>		
Halogen-free		yes
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Seal		NBR
Contact surface		Ni/Au

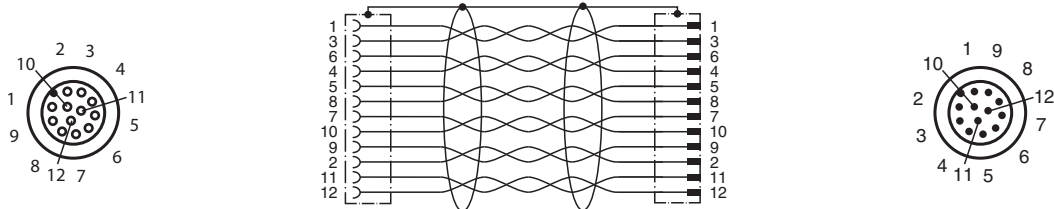
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### Technical Data

Flammability	V-0
Cable	
Sheathing	PUR
Core insulation	PVC
Flammability	VW-1

### Connection Assignment



### 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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