



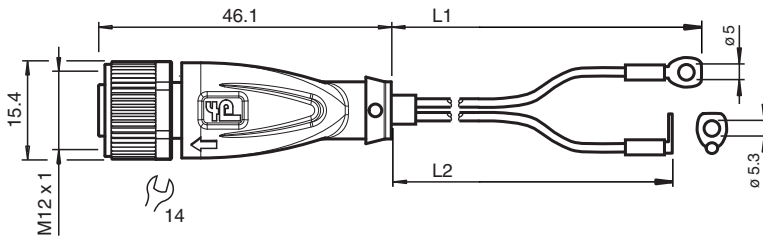
## Y connection cable V1-GY-1M/3M-PUR-TAP

- Degree of protection IP54
- Halogen-free
- Specific design protects against loosening and inaccurate installation

Y connection cable M12 socket straight A-coded 4-pin, PUR 2x single cores



### Dimensions



### Technical Data

General specifications			
Customization			core ends with terminal lug , 1x 90° angle
Connector 1			
Connection			socket
Construction type			M12
Style			straight
Locking			screw connection
Number of pins			4
Coding			A-coded
Connector 2			
Connection			cable end
Electrical specifications			
Operating voltage	U <sub>B</sub>		max. 300 V DC
Operating current	I <sub>B</sub>		max. 4 A
Conformity			
Degree of protection			EN 60529
Plug connection			connector M12 x 1 : IEC 61076-2-101

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

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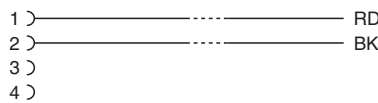
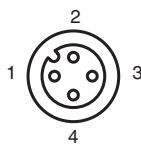
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**Technical Data**

<b>Ambient conditions</b>		
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
<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
Degree of protection		IP54
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 6
Sheath diameter		2 x 2.7 mm
Bending radius		> 5 x cable diameter, moving > 2 x cable diameter, fixed
Sheath color		black and red
Number of cores		1
Core cross section		0.75 mm <sup>2</sup>
Core construction		96 x 0.1 mm Ø
Length	L	RD: L <sub>1</sub> = 1 m; BK: L <sub>2</sub> = 3 m
<b>Material</b>		
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		TPE

**Connection Assignment**



**Accessories**

	<b>MH V1-SCREWDRIVER</b>	Torque screwdriver (0.6 Nm)
	<b>MH V1-BIT M12</b>	plug-in cap M12

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**Accessories**

	<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