

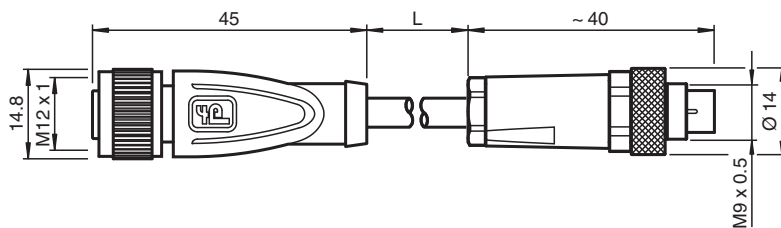
## Adapter cable V15-G-0,1M-PUR-ABG-V35-G

- Degree of protection IP67
- Halogen-free
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Metal housing
- EMC shielded

Adapter cable M12 socket straight A-coded 5-pin to M9 plug straight metal housing 5-pin, PUR cable grey, shielded



### 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			M9
Style			straight
Locking			screw connection
Number of pins			5
Customization			Metal housing
Electrical specifications			
Operating voltage	$U_B$		max. 48 V AC / 60 V DC
Operating current	$I_B$		max. 3 A
Volume resistance			< 5 m $\Omega$
Conformity			
Degree of protection			EN 60529
Plug connection			connector M12 x 1 : IEC 61076-2-101
Halogen-free			DIN VDE 0472-815 DIN EN 50267-2-1

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

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## Technical Data

Ambient conditions		
Ambient temperature		
Connector 1		-40 ... 90 °C (-40 ... 194 °F)
Connector 2		-40 ... 85 °C (-40 ... 185 °F)
Cable, fixed		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-25 ... 80 °C (-13 ... 176 °F)
Pollution degree		3
Mechanical specifications		
Connector 1		
Tightening torque		0.6 Nm
Loosening protection		available
Tool installation		straight knurling
Mating cycles		min. 100
Shielding		shield connected to screw connection
Degree of protection		IP67 / IP68 / IP69
Connector 2		
Mating cycles		min. 500
Shielding		shield connected to connector
Degree of protection		IP67
Cable		
Sheath diameter		4.8 mm
Bending radius		> 10 x cable diameter, moving > 5 x cable diameter, fixed
Sheath stripping force		max. 100 N / 300 mm
Sheath color		grey (similar to RAL 7001)
Number of cores		5
Core cross section		0.34 mm <sup>2</sup>
Cores color		Core 1-5: brown Core 2-2: white Core 3-1: blue Core 4-3: black Core 5-4: grey
Core construction		42 x 0.1 mm Ø
Shield		tinned copper braiding, 85 % coverage
Length	L	0.1 m
Cable code		Li 9Y 11YM 5 x 0.34
Material		
Halogen-free		yes
Connector 1		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Contact surface		Au
Flammability		V-2
Connector 2		
Screw connection		brass, nickel-plated
Body		brass nickel-plated
Contact surface		Au
Cable		
Sheathing		PUR based on polyether
Core insulation		PP
Chemical resistance		good

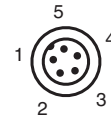
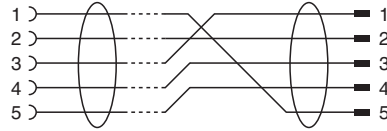
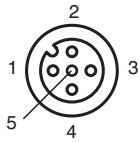
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Connection



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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