

Adapter cable

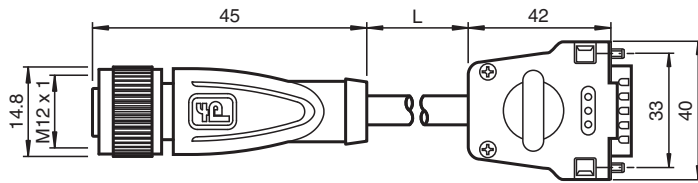
V1-G-3M-PUR-ABG-SUBD15

- M12 to Sub-D adapter
- Halogen-free
- Degree of protection IP20
- Shield connected to screw connection
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Adapter cable M12 socket straight A-coded 4-pin to Sub-D-plug 15-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	4
Coding	A-coded
Connector 2	
Connection	plug
Construction type	Sub-D
Style	straight
Locking	screw connection
Number of pins	15

Electrical specifications

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

Conformity

Degree of protection	EN 60529
Plug connection	connector M12 x 1 : IEC 61076-2-101 Connector Sub-D : IEC 807-2
Halogen-free	DIN VDE 0472-815 DIN EN 50267-2-1

Ambient conditions

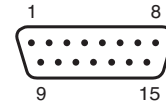
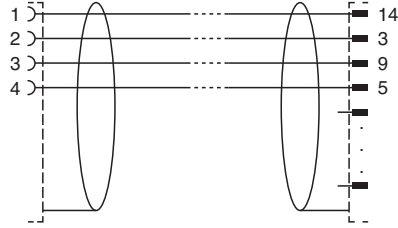
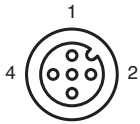
Ambient temperature	
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Technical Data

Connector 1		-40 ... 90 °C (-40 ... 194 °F)
Connector 2		-55 ... 130 °C (-67 ... 266 °F)
Cable, fixed		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-25 ... 80 °C (-13 ... 176 °F)
Pollution degree		1
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		
Tightening torque		0.4 Nm
Loosening protection		screws UNC 4-40
Mating cycles		min. 100
Shielding		shield connected to connector
Degree of protection		IP20
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		4
Core cross section		0.34 mm ²
Cores color		Core 1-14: brown Core 2-3: white Core 3-9: blue Core 4-5: black
Core construction		19 x 0.15 mm Ø
Shield		tinned copper braiding, 85 % coverage
Length	L	3 m
Cable code		Li 9Y 11YM 4 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		
Body		nickel-plated steel
Contact surface		Cu alloy
Flammability		V-0
Cable		
Sheathing		PUR based on polyether
Core insulation		PP
Chemical resistance		good

Connection



Accessories

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

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