

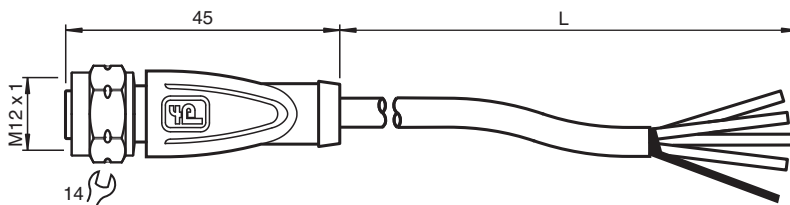
Cable socket, shielded V1-GV4A-40M-PVC-ABG

- Degree of protection IP67 / IP68 / IP69
- Screw connection stainless steel
- Shield connected to screw connection
- Screw connection suitable for tool assembly

Female cordset single-ended M12 straight stainless steel 1.4404, A-coded, 4-pin, PVC 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	cable end

Electrical specifications

Operating voltage	U_B	max. 250 V AC/DC
Operating current	I_B	max. 4 A

Conformity

Degree of protection	EN 60529
Plug connection	connector M12 x 1 : IEC 61076-2-101
Flammability	IEC 60332-2-2

Ambient conditions

Ambient temperature	
Plug connector	-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed	-30 ... 80 °C (-22 ... 176 °F)
Cable, flexing	-15 ... 80 °C (5 ... 176 °F)
Pollution degree	3

Release date: 2023-09-04 Date of issue: 2023-09-04 Filename: 70121279_eng.pdf

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

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Technical Data

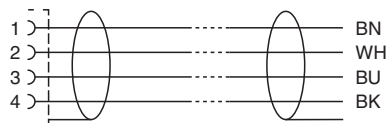
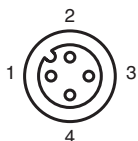
Mechanical specifications

Plug connector		
Tightening torque		0.6 Nm
Tool installation		hexagon nut SW = 14 mm
Mating cycles		min. 100
Shielding		shield connected to screw connection
Degree of protection		IP67 / IP68 / IP69
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		4.8 mm
Bending radius		> 10 x cable diameter, moving > 5 x cable diameter, fixed
Sheath stripping force		max. 25 N / 100 mm
Sheath color		grey (similar to RAL 7001)
Number of cores		4
Core cross section		0.34 mm ²
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black
Core construction		19 x 0.15 mm Ø
Shield		tinned copper braiding, 85 % coverage
Length	L	40 m
Cable code		Li 9Y YM 4 x 0,34




Material

Plug connector		
Screw connection		Stainless steel 1.4404 / AISI 316L
Body		TPU, black
Contact surface		Au
Flammability		V-2
Cable		
Sheathing		PVC
Core insulation		PP
Flammability		flame-resistant





Connection



Accessories

	MH V1-SCREWDRIVER	Torque screwdriver (0.6 Nm)
	MH V1-BIT M12-W14-HEX	Plug-in attachment for M12 with hex stainless steel knurled nut
	V1/V3-LABELHOLDER	Label holder

Accessories

	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