

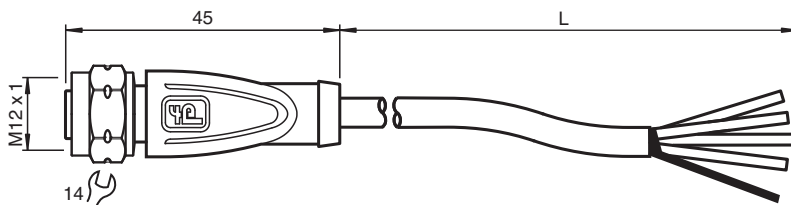
## Cable socket, shielded V1-GV4A-60M-PVC-ABG

- 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: 70121280\_eng.pdf

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

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0001  
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111  
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091  
fa-info@sg.pepperl-fuchs.com

 PEPPERL+FUCHS

## Technical Data

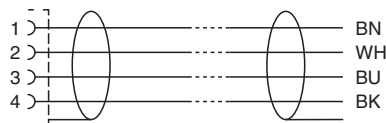
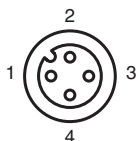
### Mechanical specifications

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 <sup>2</sup>
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	60 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

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

## Accessories

	<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