



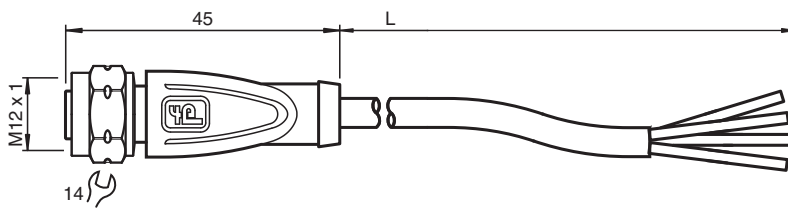
## Female cordset V1-GV4A-BK5M-PVC-U

- Degree of protection IP67 / IP68 / IP69
- cURus approval
- Screw connection stainless steel

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



### 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
UL File Number		E231213

#### Electrical specifications

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

#### Conformity

Degree of protection		EN 60529
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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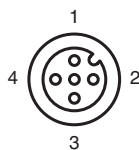
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**Technical Data**

Plug connection		connector M12 x 1 : IEC 61076-2-101
Flammability		UL 1581 , IEC 60332-1-2
<b>Approvals and certificates</b>		
UL approval		AWM STYLE 2095 AWM I/II A/B 80°C 300V FT1 (cable)
<b>Ambient conditions</b>		
Ambient temperature		
Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed		-25 ... 80 °C (-13 ... 176 °F)
Cable, flexing		-5 ... 80 °C (23 ... 176 °F)
Pollution degree		3
<b>Mechanical specifications</b>		
Plug connector		
Tightening torque		0.6 Nm
Tool installation		hexagon nut SW = 14 mm
Mating cycles		min. 100
Degree of protection		IP67 / IP68 / IP69
Cable		
Sheath diameter		4.3 mm
Bending radius		> 15 x cable diameter, moving > 5 x cable diameter, fixed
Sheath stripping force		max. 50 N / 300 mm
Sheath color		black (similar to RAL 9005)
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
Length	L	5 m
Cable code		Li YY 4 x 0,34
<b>Material</b>		
Plug connector		
Screw connection		stainless steel 1.4404 / AISI 316L
Body		TPU, black
Contact surface		Au
Flammability		V-2
Cable		
Sheathing		PVC
Core insulation		PVC
Flammability		FT1








**Connection Assignment**



- 1 ) ..... BN
- 2 ) ..... WH
- 3 ) ..... BU
- 4 ) ..... BK

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## 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
	<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