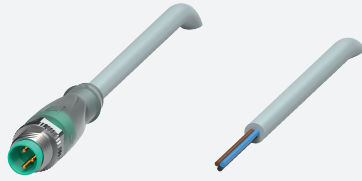


# Cable connector

## V3S-GM-E2-2M-PVC

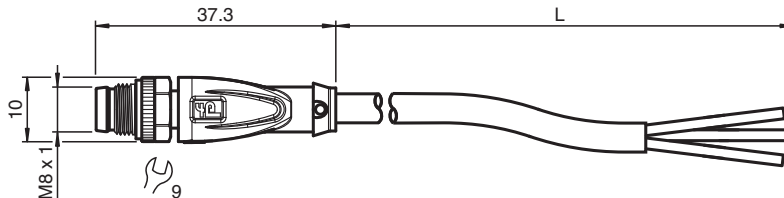


- Built-in LED, as operating and function indicator
- Degree of protection IP68
- Specific design protects against loosening and inaccurate installation

Male cordset single-ended M8 straight A-coded, LED 3-pin, PVC cable grey



### Dimensions



### Technical Data

#### General specifications

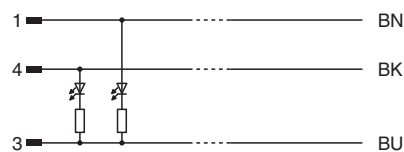
<b>Connector 1</b>			
Connection		plug	
Construction type		M8	
Style		straight	
Locking		screw connection	
Number of pins		3	
Coding		A-coded	
<b>Connector 2</b>			
Connection		cable end	
<b>Indicators/operating means</b>			
LED green		Operating display	
LED yellow		Functional display pin 4	
<b>Electrical specifications</b>			
Operating voltage	$U_B$	max. 24 V DC -20 % / +25 %	
Operating current	$I_B$	max. 3 A	
<b>Conformity</b>			
Degree of protection		EN 60529	
Plug connection		connector M8 x 1 : IEC 61076-2-104	
<b>Ambient conditions</b>			
Ambient temperature			
Plug connector		-40 ... 90 °C (-40 ... 194 °F)	
Cable, fixed		-40 ... 70 °C (-40 ... 158 °F)	
Cable, flexing		-5 ... 70 °C (23 ... 158 °F)	

Release date: 2023-08-30 Date of issue: 2023-08-30 Filename: 241647\_eng.pdf




## Technical Data

Pollution degree		3
<b>Mechanical specifications</b>		
Plug connector		
Tightening torque		0.4 Nm
Loosening protection		available
Tool installation		straight knurling and hexagon nut SW = 9 mm
Mating cycles		min. 100
Degree of protection		IP68
Cable		
Sheath diameter		4.3 mm
Bending radius		> 15 x cable diameter, moving > 10 x cable diameter, fixed
Sheath stripping force		max. 80 N / 300 mm
Sheath color		grey (similar to RAL 7001)
Number of cores		3
Core cross section		0.25 mm <sup>2</sup>
Cores color		Core 1: brown Core 3: blue Core 4: black
Core construction		14 x 0.15 mm Ø
Length	L	2 m
Cable code		Li YY 3 x 0,25
<b>Material</b>		
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, transparent
Contact surface		gold plated (Au)
Flammability		V-2
Cable		
Sheathing		PVC
Core insulation		PVC
Flammability		flame-resistant



## Connection



## Accessories

	<b>MH V3-SCREWDRIVER</b>	Torque screwdriver (0.4 Nm)
	<b>MH V3-BIT M8</b>	plug-in cap for M8
	<b>V1/V3-LABELHOLDER</b>	Label holder

**Accessories**

	<b>V1/V3-LABEL</b>	Label plate
	<b>MH V3-Holder</b>	Modular universal holder for M8 connectors