



**Model Number**

**V1-G-BK1M-PVC-U-V1-G**

Connecting cable, M12 to M12, PVC cable 4-pin

**Features**

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K
- Suitable for 2-, 3- and 4-wire technology

**Dimensions**



**Technical data**

**General specifications**

Number of pins	4
UL File Number	E231213

**Electrical specifications**

Operating voltage	$U_B$	max. 250 V AC/DC
Operating current	$I_B$	max. 4 A
Volume resistance		< 5 m $\Omega$

**Ambient conditions**

Ambient temperature	Body: -40 ... 90 °C (-40 ... 194 °F) cable, flexing: -25 ... 80 °C (-13 ... 176 °F) cable, fixed: -5 ... 80 °C (23 ... 176 °F)
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Pollution degree	3
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**Mechanical specifications**

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67 / IP68 / IP69k

**Material**

Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PVC
Slotted nut	Diecast zinc
Sleeve connector	Diecast zinc
Core insulation	PVC
Cable	fine-strand, flexible
Sheath diameter	$\varnothing$ 4.3 mm
Bending radius	> 15 x cable diameter, moving > 5 x cable diameter, fixed

Color	black
Cores	4 x 0.34 mm <sup>2</sup>
Conductor construction	19 x 0.15 mm $\varnothing$
Length	L 1 m

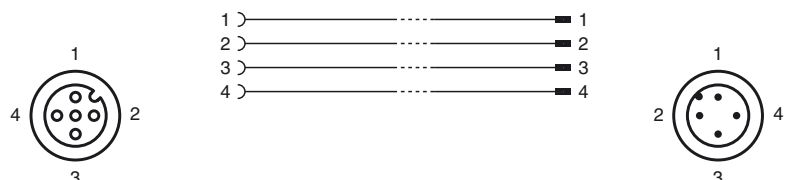
**Flammability**

Contact carrier	HB
Housing	V-2
Cable	FT1

**Compliance with standards and directives**

<b>Standard conformity</b>	
Degree of protection	EN 60529:2000
Standards	IEC 61076-2-101:2008
Flammability	Body: UL 94 Line: UL 1581 Section 1061; IEC 60332-1-2:2004

**Electrical connection**



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