



**Model Number**

**V19-G-BK5M-PUR-U-V19-G**

Connection cable, M12 to M12, PUR cable 8-pin

**Features**

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Flame resistant cable
- Resistant to microbes and hydrolysis
- Halogen-free
- Degree of protection IP67 / IP68 / IP69K

**Dimensions**



**Technical data**

**General specifications**

Number of pins	8
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	Male connector
Construction type 2	straight
Threading 2	M12
UL File Number	E231213

**Electrical specifications**

Operating voltage	U <sub>B</sub>	max. 30 V AC/DC
Operating current	I <sub>B</sub>	max. 2 A

**Ambient conditions**

Ambient temperature	Body: -40 ... 90 °C (-40 ... 194 °F) cable, flexing: -20 ... 80 °C (-4 ... 176 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F)
Pollution degree	3

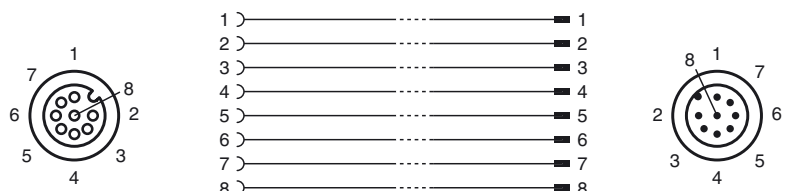
**Mechanical specifications**

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	PUR
Slotted nut	Diecast zinc
Core insulation	PP
Cable	fine-strand, flexible
Sheath diameter	Ø 6 mm
Bending radius	> 10 x cable diameter, moving > 8 x cable diameter, fixed
Color	black
Cores	8 x 0.25 mm <sup>2</sup>
Conductor construction	14 x 0.15 mm Ø
Length	L 5 m
Flammability	
Contact carrier	HB
Housing	V-2
Cable	FT2

**Compliance with standards and directives**

Standard conformity	
Degree of protection	EN 60529:2000

**Electrical connection**



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

Standards	IEC 61076-2-101:2008
Flammability	Grip: UL 94 Cable: UL 1581 Section 1100; IEC 60332-1-2:2004
Halogen-free	IEC 60754-1:1994
<b>Approvals and certificates</b>	
UL approval	UL Recognized General purpose
Maximum permissible operating voltage	≤ 30 V
Maximum permissible ambient temperature	≤ 80 °C (≤ 176 °F)

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