



**Model Number**

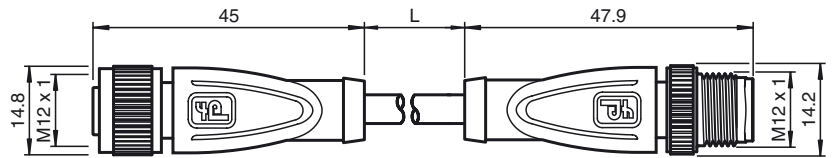
**V19-G-6M-PUR-ABG-V15B-G**

Connection cable, M12 to M12, 8/4-pin, PUR cable

**Features**

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Shield attached to coupling nut
- Halogen-free
- Degree of protection IP67 / IP68 / IP69K

**Dimensions**



**Technical data**

**General specifications**

Number of pins	8/4
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	Male connector
Construction type 2	straight
Threading 2	M12

**Electrical specifications**

Operating voltage	$U_B$	max. 30 V AC/DC
Operating current	$I_B$	max. 2 A
Contact resistance		< 10 mΩ

**Ambient conditions**

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

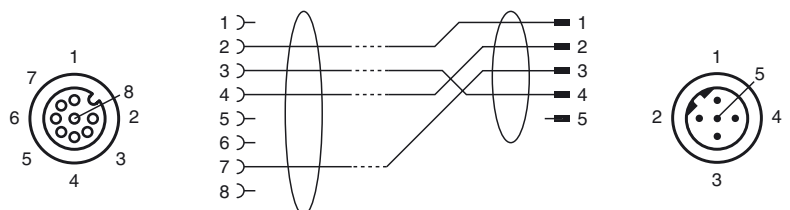
**Mechanical specifications**

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67 / IP68 / IP69k
<b>Material</b>	
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 4.8 mm
Bending radius	> 10 x cable diameter, moving 5 x cable diameter, single bend
Color	grey
Cores	4 x 0.34 mm <sup>2</sup>
Conductor construction	19 x 0.15 mm Ø
Shield	grid covering 85 %
Length	L 6 m
Flammability	
Contact carrier	94 HB
Housing	94 V-2

**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".



Flammability

Grip: UL 94

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