



### Model Number

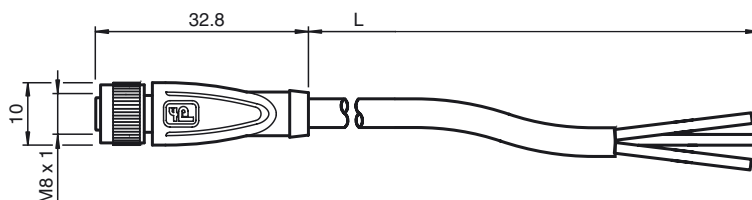
**V3-GM-5M-PUR**

Cable socket, M8, 3-pin, PUR cable

### Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Halogen-free
- Resistant to microbes and hydrolysis

### Dimensions



### Technical data

#### General specifications

Number of pins	3
----------------	---

#### Electrical specifications

Operating voltage	$U_B$	max. 60 V AC/DC
Test voltage		> 1500 V <sub>eff</sub> AC
Operating current	$I_B$	max. 3 A
Volume resistance		< 5 mΩ

#### Ambient conditions

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

Pollution degree	3
------------------	---

#### Mechanical specifications

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

#### Material

Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Slotted nut	Diecast zinc
Core insulation	PP

#### Cable

Sheath diameter	Ø 4.3 mm
Bending radius	> 15 x cable diameter, moving > 8 x cable diameter, fixed

Color	grey
Cores	3 x 0.25 mm <sup>2</sup>
Conductor construction	14 x 0.15 mm Ø

Length	L	5 m
--------	---	-----

#### Flammability

Contact carrier	94 HB
Housing	94 V-2

### Electrical connection



1	-----	BN
3	-----	BU
4	-----	BK