

### Model Number

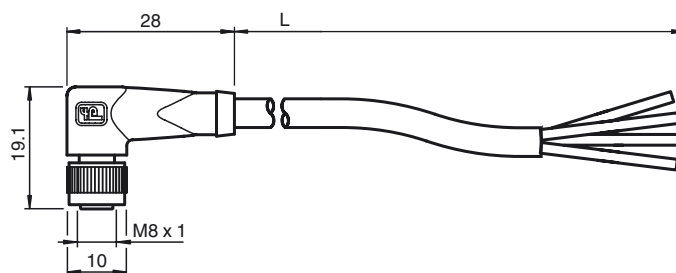
**V31-WM-3M-PUR**

4-pin, M8 socket, PUR cable

### Features

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

### Dimensions



### Technical data

#### General specifications

Number of pins	4
Connection 1	female connector
Construction type 1	right angle
Threading 1	M8
Connection 2	cable end

#### Electrical specifications

Operating voltage	$U_B$	max. 30 V AC/DC
Test voltage		> 1500 V <sub>eff</sub> AC
Operating current		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
Protection degree	IP67
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, green
Cable	PUR
Slotted nut	Diecast zinc
Core insulation	PP
Cable	fine-strand, flexible
Sheath diameter	Ø 4.3 mm
Bending radius	> 15 x cable diameter, induced > 8 x cable diameter, fixed
Color	grey
Cores	4 x 0.25 mm <sup>2</sup>
Conductor construction	14 x 0.15 mm Ø
Length	L 3 m
Flammability	
Contact material	94 HB
Housing	94 V-2

### Electrical connection

