



### Model Number

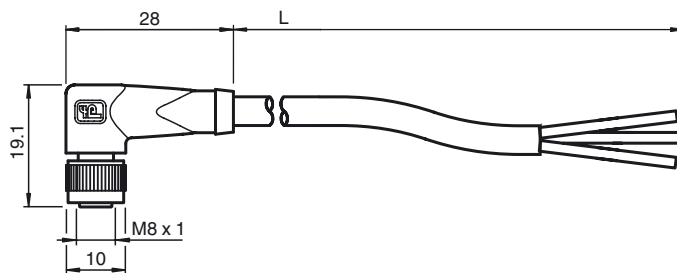
#### V3-WM-20M-PVC

Female cordset single-ended, M8, 3-pin, PVC cable

### Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts

### Dimensions



### Technical data

#### General specifications

Number of pins	3
Connection 1	socket
Construction type 1	right angle
Threading 1	M8
Connection 2	cable end

#### Electrical specifications

Operating voltage	$U_B$	max. 48 V AC / 60 V DC
Operating current	$I_B$	max. 4 A
Volume resistance		< 5 m $\Omega$

#### Ambient conditions

Ambient temperature	-25 ... 100 °C (-13 ... 212 °F) for temperatures over 80 °C (176 °F) reduced elongation at tear
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	PVC
Slotted nut	Diecast zinc
Core insulation	PVC
Cable	fine-strand, flexible
Sheath diameter	Ø4.8 mm
Bending radius	> 10 x cable diameter, moving
Color	grey
Number of cores	3
Core cross-section	0.34 mm <sup>2</sup>
Length	L 20 m

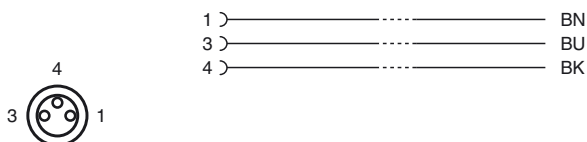
#### Flammability

Contact carrier	94 V-2
Housing	94 V-2

#### Compliance with standards and directives

Standard conformity	
Specification	connector M8 x 1 : IEC 61076-2-104

### Electrical connection





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