

### Model Number

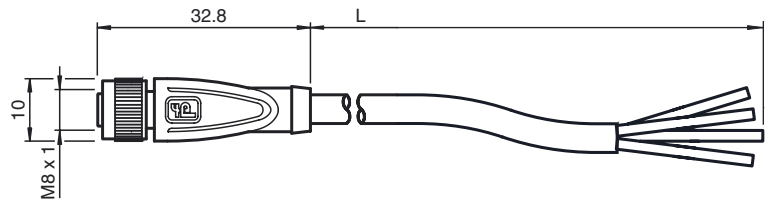
**V31-GM-100M-PVC**

M8, 4-pin socket, PVC cable

### Features

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

### Dimensions



### Technical data

#### General specifications

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

#### Electrical specifications

Operating voltage	$U_B$	max. 30 V AC/DC
Operating current		max. 3 A
Volume resistance		< 5 m $\Omega$

#### Ambient conditions

Ambient temperature	Body: -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -25 ... 70 °C (-13 ... 158 °F) cable, flexing: -5 ... 70 °C (23 ... 158 °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, black
Cable	PVC
Slotted nut	Diecast zinc
Core insulation	PVC
Cable	fine-strand, flexible
Sheath diameter	$\varnothing$ 4.3 mm
Bending radius	> 15 x cable diameter, induced > 10 x cable diameter, fixed
Color	grey
Cores	4 x 0.25 mm <sup>2</sup>
Conductor construction	14 x 0.15 mm $\varnothing$
Length	L 100 m
Flammability	
Contact material	HB
Housing	V-2

#### Compliance with standards and directives

Standard conformity	
Protection degree	EN 60529:2000
Standards	IEC 61076-2-104:2008
Flammability	Grip: UL 94

### Electrical connection

