

### Model Number

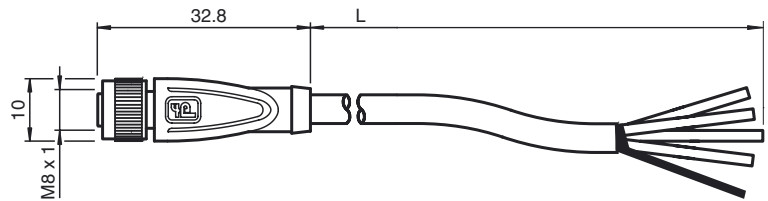
#### V31-GM-5M-PVC-ABG

Female cordset, M8, 4-pin, shielded, 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 + shield
Connection 1	socket
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: -30 ... 80 °C (-22 ... 176 °F) cable, flexing: -15 ... 80 °C (5 ... 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, black	
Cable	PVC	
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	5 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

