



Model Number

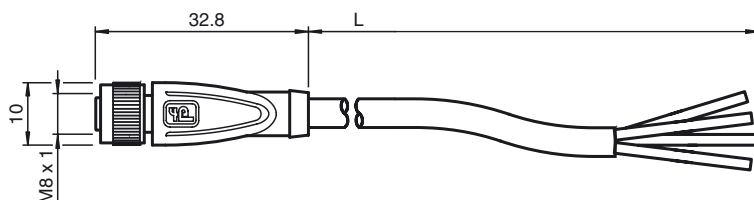
V31-GM-5M-PVC

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 Ω

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 ²	
Conductor construction	14 x 0.15 mm \varnothing	
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

