



Model Number

V3-WM-1M-PVC

Female cordset, M8

Features

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

Technical data

General specifications

Number of pins	3
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Electrical specifications

Operating voltage	U_B	max. 60 V DC
Operating current	I_B	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
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	Ø 4.3 mm
Bending radius	> 15 x cable diameter, moving > 10 x cable diameter, fixed

Color	grey
Number of cores	3
Core cross-section	0.25 mm ²
Conductor construction	14 x 0.15 mm Ø
Length	L 1 m

Flammability

Contact carrier	HB
Housing	V-2

Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529:2000
Standards	IEC 61076-2-104:2008
Flammability	Grip: UL 94

Electrical connection



Electrical connection

1	_____	BN
3	_____	BU
4	_____	BK