



Model Number

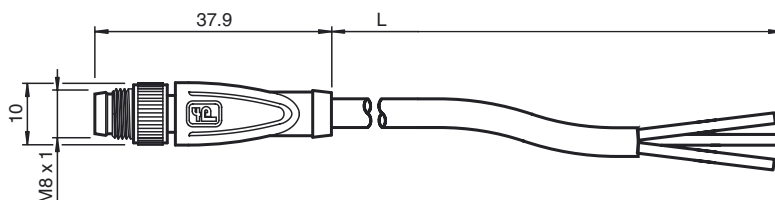
V3S-GM-2M-PVC

Cable connector, M8, 3-pin, PVC cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Suitable for 2- and 3-wire technology

Dimensions



Technical data

General specifications

Number of pins	3
Connection 1	Male connector
Construction type 1	straight
Threading 1	M8
Connection 2	cable end

Electrical specifications

Operating voltage	U_B	max. 60 V DC
Test voltage		> 1500 V _{eff} AC
Operating current		max. 4 A
Volume resistance		< 5 mΩ

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
Protection degree	IP67
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, green
Cable	PVC
Sleeve connector	Diecast zinc
Core insulation	PVC
Cable	
Sheath diameter	Ø4.8 mm
Bending radius	> 10 x cable diameter, appropriate for conveyor chains
Color	grey
Cores	3 x 0.34 mm ²
Conductor construction	19 x 0.15 mm Ø
Length	L 2 m
Flammability	
Contact material	94 V-2
Housing	94 V-2

Electrical connection

