



Model Number

V3-GM-3M-PUR-V3-GM

Connecting cable, M8 to M8, PUR cable 3-pin

Features

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

Accessories

MH V3-SCREWDRIVER
torque screwdriver (0.4 Nm)

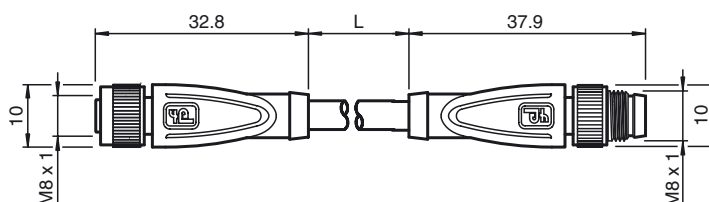
MH V3-BIT M8
plug-in cap for M8

MH V3-Holder
Modular universal holder for M8 connectors

V1/V3-LABEL
Label plate

VAZ-V3-B
Blind plug for M8 sockets

Dimensions



Technical data

General specifications

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

Electrical specifications

Operating voltage	U_B	max. 48 V AC / 60 V DC
Operating current	I_B	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
Degree of protection	IP67
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Slotted nut	Diecast zinc
Sleeve connector	Diecast zinc
Core insulation	PP
Cable	fine-strand, flexible
Sheath diameter	Ø4.8 mm
Bending radius	> 10 x cable diameter, moving
Color	grey
Number of cores	3
Core cross-section	0.34 mm ²
Conductor construction	19 x 0.15 mm Ø
Length	L 3 m
Flammability	
Contact carrier	94 V-2
Housing	94 V-2

Compliance with standards and directives

Standard conformity	
Specification	connector M8 x 1 : IEC 61076-2-104

Electrical connection

