



Model Number

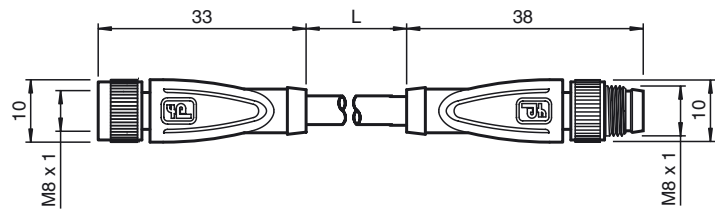
V31-GM-0,5M-PUR-V3-GM

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

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

Dimensions



Technical data

General specifications

Number of poles	3
Connection 1	Connector, female
Construction type 1	straight
Threading 1	M8
Connection 2	Connector, male
Construction type 2	straight
Threading 2	M8

Electrical specifications

Operating voltage	U_B	max. 60 V DC
Test voltage		> 1500 V _{eff} AC
Operating current		max. 3 A
Volume resistance		< 5 mΩ

Ambient conditions

Ambient temperature	-25 ... 100 °C (248 ... 373 K) for temperatures over 80 °C (353 K) 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
Handle	TPU, black
Cable	PUR
Slotted nut	diecast zinc
Sleeve connector	diecast zinc
Core isolation	PP
Cable	fine-strand, flexible
Sheath diameter	Ø4.8 mm
Bend radius	> 10 x cable diameter, appropriate for conveyor chains
Colour	grey
Cores	3 x 0.34 mm ²
Conductor construction	19 x 0.15 mm Ø
Length	L 0.5 m
Flammability	
Contact material	94 V-2
Housing	94 V-2

Electrical connection 1



Electrical connection 2

