



Model number

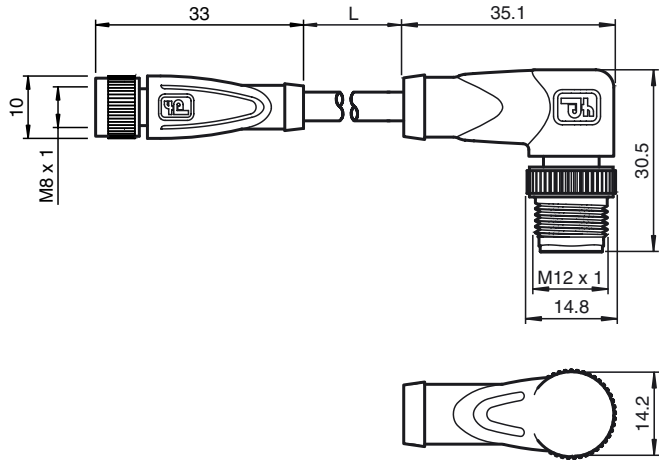
V31-GM-10M-PVC-V11-W

Connecting cable, M8 to M12, PVC ca-
ble 3-pole

Features

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

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	M12
Electrical specifications	
Operating voltage	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 (248 ... 373 K) for temperatures over 80 °C (353 K) reduced elongation at tear
Degree of soiling	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, green
Cable	PVC
Slotted nut	diecast zinc
(Cap??-translator) connector	diecast zinc
Core isolation	PVC
Cable	fine-strand, flexible
Sheath diameter	Ø4.8 mm
Bend radius	> 10 x conductor diameter, appropriate for conveyor chains
Colour	grey
Cores	4 x 0.34 mm ²
Conductor construction	19 x 0.15 mm Ø
Length	L 10 m
Flammability	
Contact material	94V-2
Housing	94V-2

Electrical connection 1



Electrical connection 2

