



Model Number

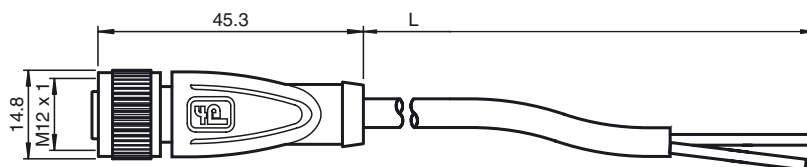
V1-G-N-31M-PUR

Cable socket, M12, 2-pin, NAMUR, PUR cable

Features

- Suitable for NAMUR technology
- Handle and sheathing blue
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Protection degree IP67 / IP68 / IP69K

Dimensions



Technical data

General specifications

Number of pins	2
Connection 1	female connector
Construction type 1	straight
Threading 1	M12
Connection 2	cable end

Electrical specifications

Operating voltage	U_B	max. 300 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 / IP68 / IP69k	
Material		
Contacts	CuSn / Au	
Contact surface	Au	
Handle	TPU, blue	
Cable	PUR	
Slotted nut	Diecast zinc	
Core isolation	PVC	
Cable	fine-strand, flexible	
Sheath diameter	Ø4.8 mm	
Bending radius	> 10 x cable diameter, appropriate for conveyor chains	
Color	blue	
Cores	2 x 0.34 mm ²	
Conductor construction	19 x 0.15 mm Ø	
Length	L	31 m
Flammability		
Contact material	94 V-2	
Housing	94 V-2	

Electrical connection

