



### Model Number

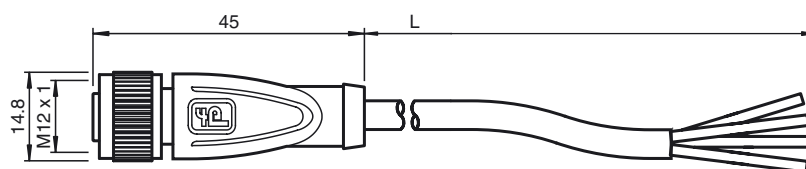
**V1-G-40M-PVC**

Cable socket, M12, 4-pin, PVC cable

### Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Protection degree IP67 / IP68 / IP69K
- Suitable for 2-, 3- and 4-wire technology

### Dimensions



### Technical data

#### General specifications

Number of pins	4
Connection 1	female connector
Construction type 1	straight
Threading 1	M12
Connection 2	cable end
UL File Number	E231213

#### Electrical specifications

Operating voltage	$U_B$	max. 300 V DC
Test voltage		> 1500 V <sub>eff</sub> 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	
Body	TPU, green	
Cable	PVC	
Slotted nut	Diecast zinc	
Core insulation	PVC	
Cable	fine-strand, flexible	
Sheath diameter	Ø4.8 mm	
Bending radius	> 10 x cable diameter, appropriate for conveyor chains	
Color	grey	
Cores	4 x 0.34 mm <sup>2</sup>	
Conductor construction	19 x 0.15 mm Ø	
Length	L	40 m
Flammability		
Contact material	UL 94 HB	
Housing	94 V-2	
Cable	flame-resistant	

### Electrical connection

