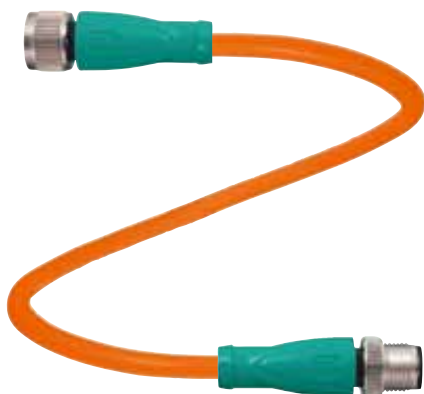




Model Number

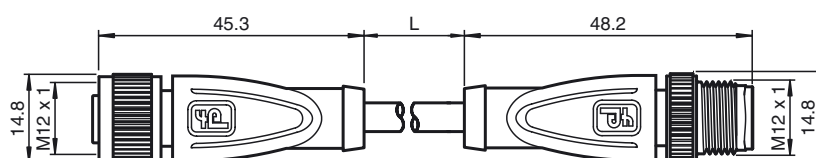
V1-G-1M-PUR H/S-V1-G

Connection cable, M12 on M12, PUR cable, crosslinked by irradiation

Features

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

Dimensions



Technical data

General specifications

Number of poles	4
Connection 1	Connector, female
Construction type 1	straight
Threading 1	M12
Connection 2	Connector, male
Construction type 2	straight
Threading 2	M12
UL File Number	E231213

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

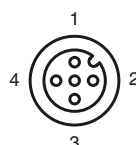
Ambient conditions

Ambient temperature	-20 ... 105 °C (253 ... 378 K) active -50 ... 105 °C (223 ... 378 K) static
Pollution Degree	3

Mechanical specifications

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, green
Cable		PUR, irradiated
Slotted nut		diecast zinc
Sleeve connector		diecast zinc
Core isolation		TPE
Cable		fine-strand, flexible
Sheath diameter		Ø4.8 mm
Bend radius		> 40 mm
Colour		orange
Cores		4 x 0.34 mm ²
Conductor construction		19 x 0.15 mm Ø
Length	L	1 m
Flammability		
Contact material		94 V-2
Housing		94 V-2

Electrical connection 1



Electrical connection 2

