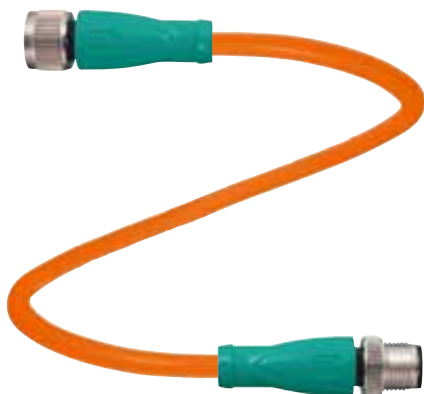




Model Number

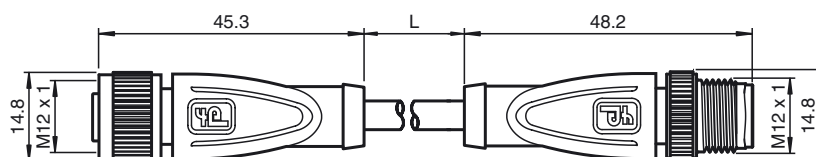
V1-G-OR1M-POC-V1-G

Connection cable, M12 to M12, 4-pin,
TPE cable, welding-bead resistant

Features

- Resistant to welding bead formation
- Suitable for robotic applications / torsion resistant
- Does not give off silicone
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Protection degree IP67 / IP68 / IP69K
- 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

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	-40 ... 100 °C (233 ... 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 / IP68 / IP69K
Material	
Contacts	CuSn / Au
Contact surface	Au
Handle	TPU, green
Cable	TPE resistant to welding bead formation
Slotted nut	diecast zinc
Sleeve connector	diecast zinc
Core isolation	ETFE
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
Flammability	
Contact material	94 HB
Housing	94 V-2

Electrical connection

