



Model Number

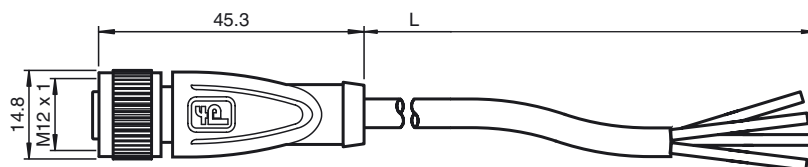
V1-G-OR1M-POC

Female cordset, 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	free 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	-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	
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	1 m
Flammability		
Contact material	94 HB	
Housing	94 V-2	

Electrical connection

