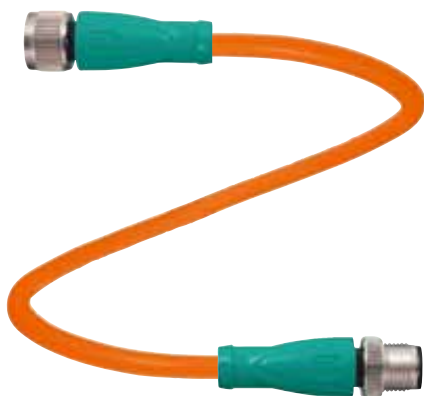




Model Number

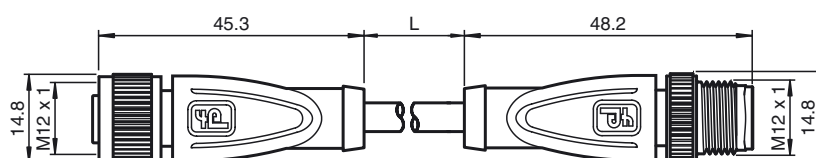
V1-G-5M-PUR H/S-V1-G

Connecting cable, M12, 4-pin, 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

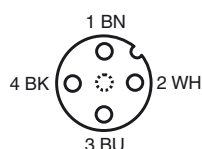
Ambient conditions

Ambient temperature	-20 ... 105 °C (253 ... 378 K) active -50 ... 105 °C (223 ... 378 K) static
Degree of soiling	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	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	5 m
Flammability		
Contact material	94 V-2	
Housing	94 V-2	

Electrical connection 1



Electrical connection 2

