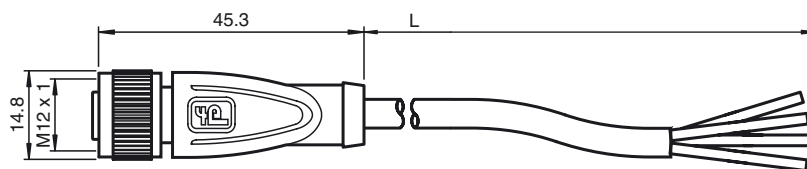




Dimensions



Model number

V1-G-20M-PUR H/S

Cable socket, 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

Technical data

General specifications

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

Electrical specifications

Operating voltage	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
Slotted nut	diecast zinc
Core isolation	TPE
Cable	fine-strand, flexible
Covering (Sheathing)	irradiated
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 20 m
Flammability	
Contact material	94V-2
Housing	94V-2

Electrical connection 1

