



Dimensions



Model Number

V1-W-15M-PUR-H/S-V1-G

Connecting cable, M12, 4-pin, irradiated PUR cable

Features

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

Technical data

General specifications

Number of pins	4
Connection 1	socket
Construction type 1	right angle
Threading 1	M12
Connection 2	Male connector
Construction type 2	straight
Threading 2	M12

Electrical specifications

Operating voltage	U_B	max. 250 V AC/DC
Operating current		max. 4 A
Contact resistance		< 10 mΩ

Ambient conditions

Ambient temperature	-40 ... 100 °C (-40 ... 212 °F) active -50 ... 100 °C (-58 ... 212 °F) static . for temperatures over 80 °C (176 °F) 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
Body	TPU, green
Cable	PUR, irradiated
Slotted nut	Diecast zinc
Sleeve connector	Diecast zinc
Core insulation	TPE
Cable	fine-strand, flexible
Sheath diameter	Ø4.8 mm
Bending radius	> 40 mm
Color	orange
Cores	4 x 0.34 mm ²
Conductor construction	19 x 0.15 mm Ø
Length	L 15 m
Flammability	
Contact material	94 HB
Housing	94 V-2

Compliance with standards and directives

Standard conformity	
Protection degree	EN 60529:2000
Standards	IEC 61076-2-101:2008

Electrical connection



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