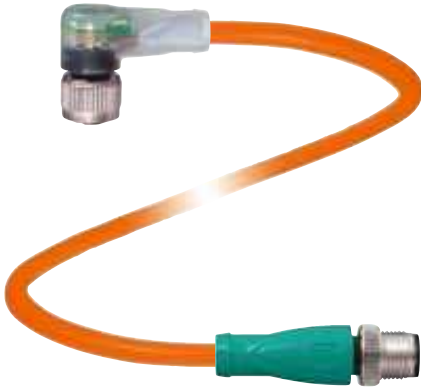




Model Number

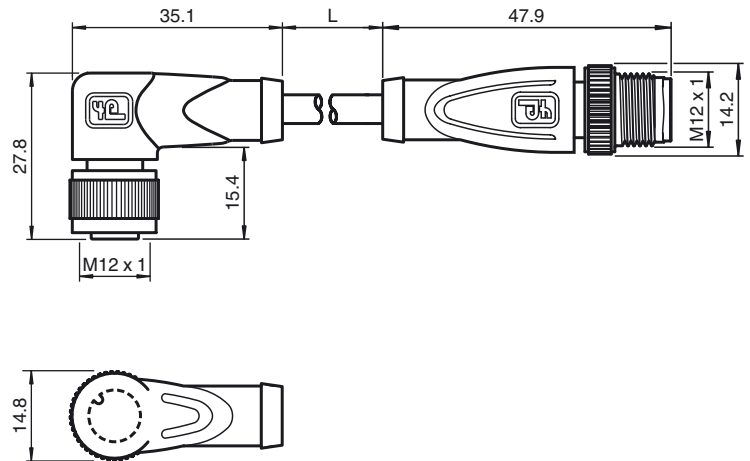
V1-W-A2-1M-PUR-H/S-V1-G

Connection cable, M12 to M12 with LED, 4-pin, irradiated PUR cable

Features

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

Dimensions



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

Indicators/operating means

LED green	Operating display
LED yellow	Functional display NO contact

Electrical specifications

Operating voltage	U_B	max. 24 V DC $\pm 15\%$
Operating current		max. 4 A
Contact resistance		< 10 m Ω

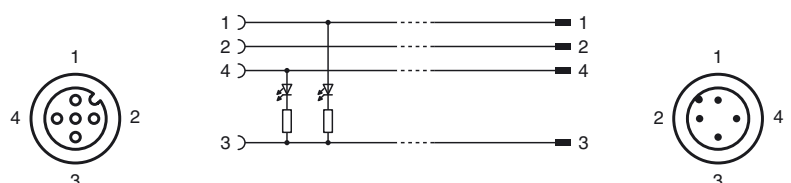
Ambient conditions

Ambient temperature	-40 ... 90 °C (-40 ... 194 °F) cable, fixed: -50 ... 105 °C (-58 ... 221 °F) cable, flexing: -40 ... 105 °C (-40 ... 221 °F)
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, transparent/green
Cable	PUR, irradiated
Slotted nut	Diecast zinc
Sleeve connector	Diecast zinc
Core insulation	TPE-E
Cable	fine-strand, flexible
Sheath diameter	Ø4.8 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, single bend
Color	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





Compliance with standards and directives

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

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