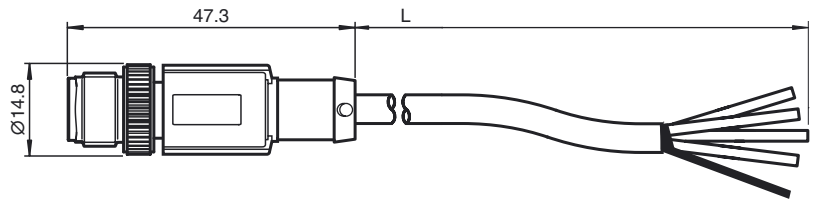




Dimensions



Model Number

V1SD-G-5M-PUR-ABG

Ethernet bus cable, M12, PUR cable, 4-pin, CAT5e

Features

- D coding for Ethernet
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Shield attached to coupling nut
- Hard-wearing PUR cable
- CAT5/CAT5e cable

Technical data

General specifications

Number of pins 4

Electrical specifications

Operating voltage U_B max. 60 V
 Operating current I_B max. 4 A
 Volume resistance $\leq 5 \text{ m}\Omega$

Ambient conditions

Ambient temperature Body: -25 ... 90 °C (-13 ... 194 °F)
 cable, fixed: -40 ... 70 °C (-40 ... 158 °F)
 cable, flexing: -10 ... 50 °C (14 ... 122 °F)

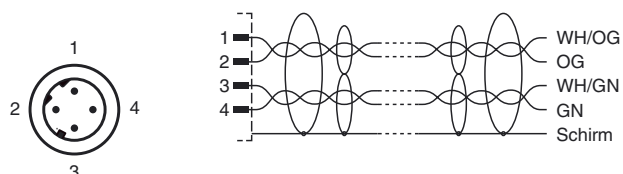
Mechanical specifications

Degree of protection IP65 / IP67/ IP69K
 Connection M12 x 1 connector, 4-pin, D-coded
 Material
 Contacts CuZn
 Contact surface Ni/Au
 Body TPU, black
 Cable PUR
 Slotted nut Zinc die-casting, nickel-plated
 Core insulation PE
 Cable 2 pairs with 2 wires each with 2 fillers for the core
 Sheath diameter 6.7 mm
 Bending radius > 5 x cable diameter
 Color water blue (RAL 5021)
 Cores $2 \times 2 \times 0.14 \text{ mm}^2 / 26 \text{ AWG}$
 Conductor construction $7 \times 0.15 \text{ mm } \varnothing$
 Shield Foil-laminated polyester film
 Copper mesh, tin-plated, 70% coverage
 Length L 5 m

Compliance with standards and directives

Standard conformity
 Degree of protection EN 60529:2000
 Standards CAT5 (IEC 11801:2002) , CAT5e (TIA 568B:2001)
 IEC 61076-2-101:2008
 Flammability IEC 60332-1-2:2004
 Halogen-free IEC 60754-1:2011

Electrical connection



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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".