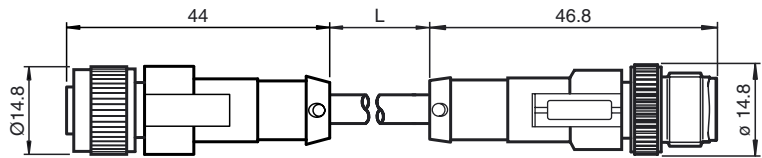




Dimensions



Model Number

V19-G-BK2M-PUR-V19-G

Double-ended cordset, M12 to M12, 8-pin, PUR cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Halogen-free
- Suitable for drag chains

Technical data

General specifications

Number of pins 8

Electrical specifications

Operating voltage U_B max. 30 V DC
 Test voltage > 1500 V_{eff} AC
 Operating current I_B max. 2 A
 Volume resistance < 5 mΩ

Ambient conditions

Ambient temperature -25 ... 90 °C (-13 ... 194 °F)
 cable, flexing: -5 ... 80 °C (23 ... 176 °F),
 cable, fixed: -40 ... 80 °C (-40 ... 176 °F)

Pollution Degree 3

Mechanical specifications

Pin diameter 1 mm
 Degree of protection IP65 / IP68 / IP69K

Material

Contacts CuZn
 Contact surface Ni/Au
 Body TPU, black
 Cable PUR
 Slotted nut Stainless steel
 Seal NBR
 Core insulation PP

Cable fine-strand, flexible

Sheath diameter Ø 5.9 mm
 Bending radius > 10 x cable diameter, moving
 Color dark grey (RAL 7021)
 Cores 8 x 0.25 mm²
 Conductor construction 32 x 0.1 mm Ø
 Length L 2 m

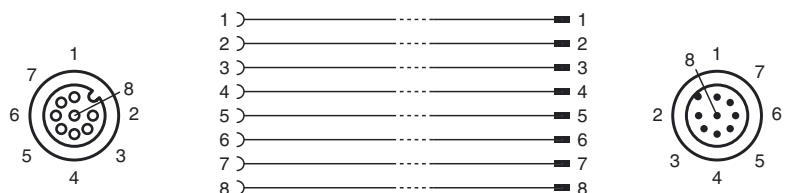
Drag chain suitability

Drag chain cycles ≥ 4000000
 Motion velocity ≤ 3 m/s
 Traverse distance 10 m
 Acceleration ≤ 10 m/s²

Flammability

Housing 94 HB

Electrical connection



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

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