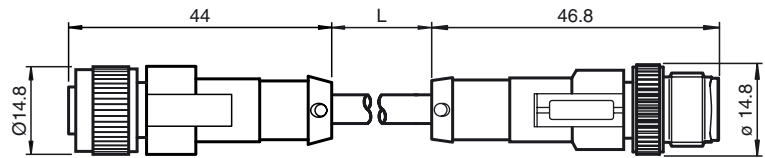




Dimensions



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
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	Male connector
Construction type 2	straight
Threading 2	M12

Electrical specifications

Operating voltage	U_B	max. 30 V DC
Operating current	I_B	max. 2 A
Volume resistance		< 5 m Ω

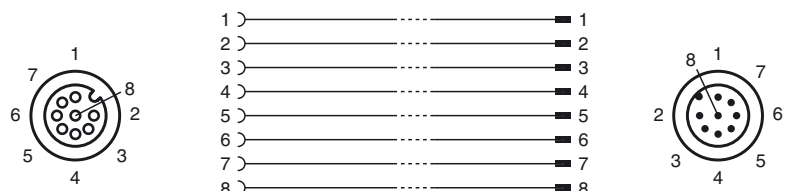
Ambient conditions

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 mm ²
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/s ²
Flammability	
Housing	94 HB

Electrical connection



Release date: 2018-03-15 16:24 Date of issue: 2018-03-15 223021_eng.xml

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