



Model Number

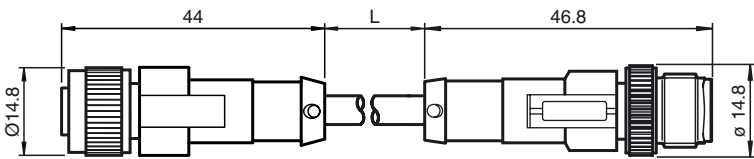
V19-G-BK2M-PUR-V19-G

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

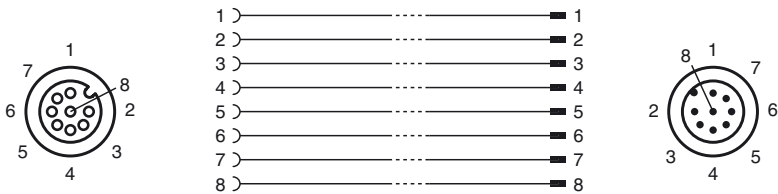
Dimensions



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 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 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



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