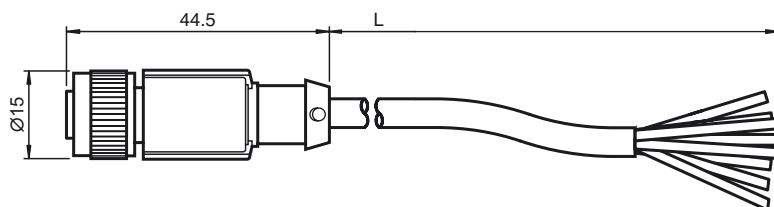




Dimensions



Model Number

V19-G-BK5M-PUR-IEC

Female cordset, M12, 8-pin, PUR-cable

Features

- Color code according to IEC 60947-5-2
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Flame resistant cable
- Suitable for drag chains
- Resistant to microbes and hydrolysis
- Halogen-free

Technical data

General specifications

Number of pins	8
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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)
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Pollution degree	3
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Mechanical specifications

Degree of protection	IP65 / IP68 / IP69K
Material	
Contacts	CuZn
Contact surface	Ni/Au
Body	TPU, black
Cable	PUR
Slotted nut	Zinc die-casting, nickel-plated
Seal	NBR
Core insulation	PP
Cable	extra-fine wire, flexible
Sheath diameter	Ø 5.9 mm
Bending radius	> 50 mm
Color	dark grey (RAL 7021)
Cores	8 x 0.25 mm ² , 24 AWG
Conductor construction	32 x 0.1 mm Ø
Length	L 5 m

Electrical connection

