



Model Number

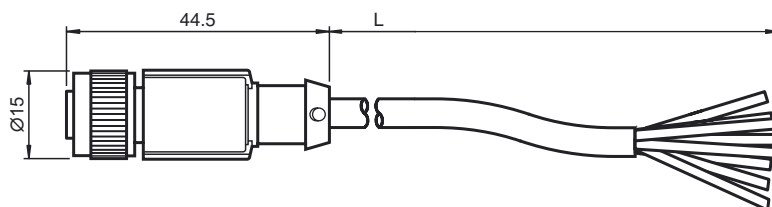
V19-G-BK5M-PUR-IEC

Cable socket, 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
- Appropriate for conveyor chains
- Resistant to microbes and hydrolysis
- Halogen-free

Dimensions



Technical data

General specifications

Number of pins	8
Connection 1	female connector
Construction type 1	straight
Threading 1	M12
Connection 2	cable end

Electrical specifications

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

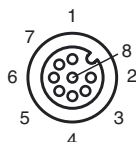
Ambient conditions

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

Protection degree	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



1	.....	BN
2	.....	WH
3	.....	BU
4	.....	BK
5	.....	GY
6	.....	PK
7	.....	VT
8	.....	OR