



### Model Number

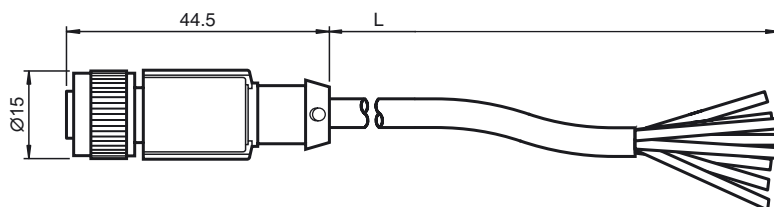
**V19-G-BK20M-PUR**

Cable socket, M12, 8-pin, PUR-cable

### Features

- cULus approval
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- 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
UL File Number	E300203

#### Electrical specifications

Operating voltage	$U_B$	max. 30 V DC
Test voltage		> 1500 V <sub>eff</sub> AC
Operating current		max. 2 A
Volume resistance		< 5 mΩ

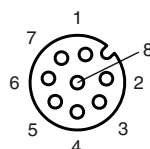
#### Ambient conditions

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

Pin diameter	1 mm
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	fine-strand, flexible
Sheath diameter	Ø 5.9 mm
Bending radius	> 10 x cable diameter, appropriate for conveyor chains
Color	dark grey (RAL 7021)
Cores	8 x 0.25 mm <sup>2</sup>
Conductor construction	32 x 0.1 mm Ø
Length	L 20 m
Flammability	
Housing	94 HB

### Electrical connection



1	.....	WH
2	.....	BN
3	.....	GN
4	.....	YE
5	.....	GY
6	.....	PK
7	.....	BU
8	.....	RD