



Model Number

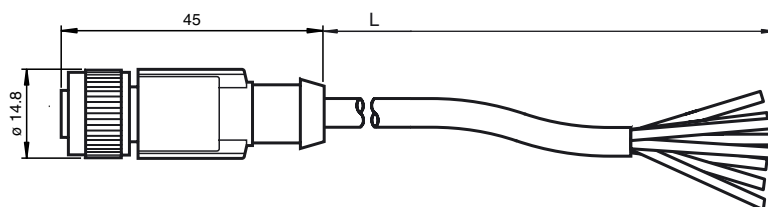
V19-G-BK20M-PUR

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 poles	8
Connection 1	Connector, female
Construction type 1	straight
Threading 1	M12
Connection 2	free cable end
UL File Number	E300203

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

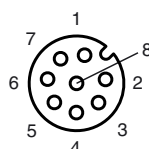
Ambient conditions

Ambient temperature	-25 ... 90 °C (248 ... 363 K) Cable, movable: -5 ... 80 °C (268 ... 353 K), cable, fixed: -40 ... 80 °C (233 ... 353 K)
Degree of soiling	3

Mechanical specifications

Mechanical specifications		
pin diameter		1 mm
Protection degree		IP65 / IP68 / IP69K
Material		
Contacts		CuZn
Contact surface		Ni/Au
Handle		TPU, black
Cable		PUR
Slotted nut		Zinc die-casting, nickel-plated
Seal		NBR
Core isolation		PP
Cable		fine-strand, flexible
Sheath diameter		Ø 5.9 mm
Bend radius		> 10 x conductor diameter, appropriate for conveyor chains
Colour		dark grey (RAL 7021)
Cores		8 x 0.25 mm ²
Conductor construction		3 x 400 ... 0.1 mm Ø
Length	L	20 m
Flammability		
Housing		94 HB

Electrical connection 1



Electrical connection 2

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