



Model Number

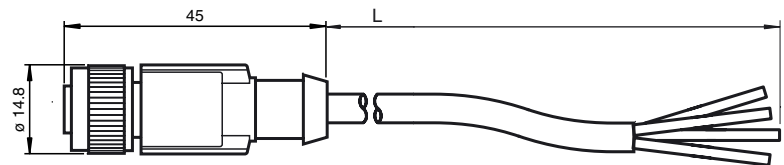
V1-G-BK2M-PUR-UL

Cable socket, M12, 4-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	4
Connection 1	Connector, female
Construction type 1	straight
Threading 1	M12
Connection 2	free cable end
UL File Number	E300203

Electrical specifications

Operating voltage	max. 250 V DC
Test voltage	> 1500 V _{eff} AC
Operating current	max. 4 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

pin diameter	1 mm
Protection degree	IP65 / IP68 / IP69K
Material	
Contacts	CuSn
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 4.7 mm
Bend radius	> 10 x conductor diameter, appropriate for conveyor chains
Colour	dark grey (RAL 7021)
Cores	4 x 0.34 mm ²
Conductor construction	42 x 0.1 mm Ø
Length	L 2 m
Flammability	
Housing	94 HB

Electrical connection 1

