



Model Number

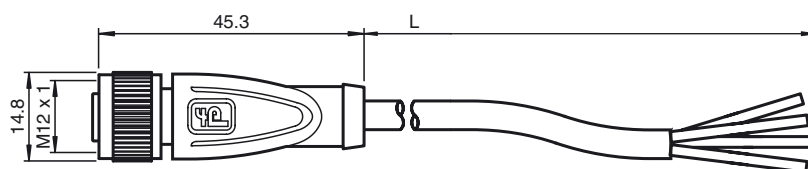
V1-G-BK3M-PUR-U

Cable socket, M12, 4-pin, PUR cable

Features

- UL Recognized Component
- Appropriate for conveyor chains
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Halogen-free
- Suitable for 2-, 3- and 4-wire technology

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	E231213

Electrical specifications

Operating voltage	U_B	max. 300 V DC
Test voltage		> 1500 V _{eff} AC
Operating current		max. 4 A
Volume resistance		< 5 mΩ

Ambient conditions

Ambient temperature	-20 ... 100 °C (253 ... 373 K) active -40 ... 100 °C (233 ... 373 K) static for temperatures over 80 °C (353 K) reduced elongation at tear
Pollution Degree	3

Mechanical specifications

Mechanical specifications		
Contact elements		spring-loaded contact socket
pin diameter		1 mm
Protection degree		IP67 / IP68 / IP69K
Material		
Contacts		CuSn / Au
Contact surface		Au
Handle		TPU, green
Cable		PUR
Slotted nut		diecast zinc
Core isolation		PP
Cable		extra-fine wire, flexible
Sheath diameter		Ø 4.3 mm
Bend radius		> 10 x cable diameter, appropriate for conveyor chains
Colour		black
Cores		4 x 0.34 mm ²
Conductor construction		42 x 0.1 mm Ø
Length	L	3 m
Flammability		
Contact material		94 V-2
Housing		94 V-2

Approvals and certificates

UL approval	cURus AWM 20549 AWM I/II A/B 80°C 300V FT2 (cable)
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Electrical connection

