



Model Number

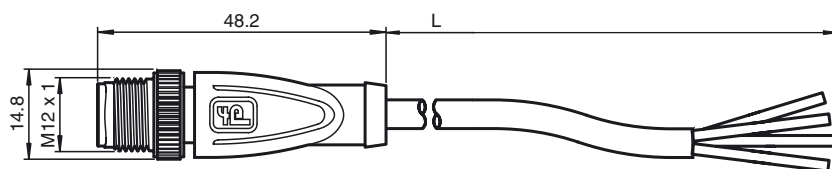
V1S-G-BK3M-PUR-U

Cable connector, 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, male
Construction type 1	straight
Threading 1	M12
Connection 2	free cable end

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	-25 ... 100 °C (248 ... 373 K) for temperatures over 80 °C (353 K) reduced elongation at tear
Pollution Degree	3

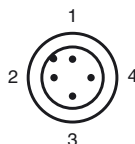
Mechanical specifications

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)
-------------	--

Electrical connection 1



Electrical connection 2

1	BN
2	WH
3	BU
4	BK