



Model Number

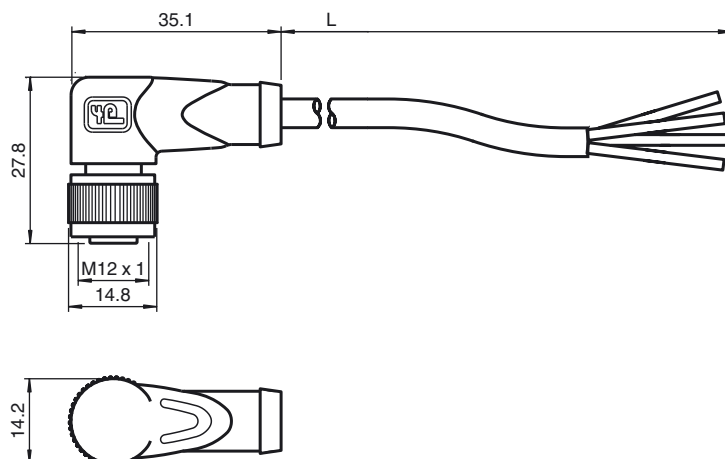
V1-W-BK5M-PUR-U

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 and machined contacts
- Halogen-free
- Suitable for 2-, 3- and 4-wire technology

Dimensions



Technical data

General specifications

Number of pins	4
Connection 1	female connector
Construction type 1	right angle
Threading 1	M12
Connection 2	cable end
UL File Number	E231213

Electrical specifications

Operating voltage	U_B	max. 250 V AC/DC
Test voltage		> 1500 V _{eff} AC
Operating current		max. 4 A
Volume resistance		< 5 mΩ

Ambient conditions

Ambient temperature	-40 ... 90 °C (-40 ... 194 °F) Cable, fixed: -40 ... 80 °C (-40 ... 176 °F) Cable, flexing: -20 ... 80 °C (-4 ... 176 °F)
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	
Body	TPU, green	
Cable	PUR	
Slotted nut	Diecast zinc	
Core insulation	PP	
Cable	extra-fine wire, flexible	
Sheath diameter	Ø 4.3 mm	
Bending radius	> 10 x cable diameter, appropriate for conveyor chains	
Color	black	
Cores	4 x 0.34 mm ²	
Conductor construction	42 x 0.1 mm Ø	
Length	L	5 m
Flammability		
Contact material	94 HB	
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

