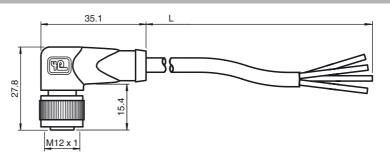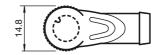## Dimensions

Model Number

V1-W-A2-BK5M-PUR-U

Cable socket, M12, LED, 4-pin, PUR cable

Features

- UL Recognized Component
- Built-in LED, as operating and function indicator
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Flame resistant cable
- Resistant to microbes and hydrolysis
- Halogen-free

Technical data

General specifications		
Number of pins		4
Connection 1		socket
Construction type 1		right angle
Threading 1		M12
Connection 2		cable end
UL File Number		E231213
Indicators/operating means		
LED green		Operating display
LED yellow		Functional display NO contact
Electrical specifications		
Operating voltage	U_B	max. 24 V DC ± 15%
Operating current		max. 4 A
Contact resistance		< 10 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
Degree of protection		IP67 / IP68 / IP69k
Material		
Contacts		CuSn / Au
Contact surface		Au
Body		TPU, transparent
Cable		PUR
Slotted nut		Diecast zinc
Core insolation		PP
Cable		extra-fine wire, flexible
Sheath diameter		Ø 4.3 mm
Bending radius		> 10 x cable diameter, moving
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
Compliance with standards and directives		
Standard conformity		

Electrical connection

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Degree of protection	EN 60529:2000
Standards	IEC 61076-2-101:2008
Approvals and certificates	
UL approval	cURus AWM 20549 AWM I/II A/B 80°C 300V FT2 (cable)

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".
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