



Model Number

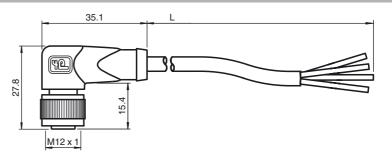
V1-W-A2-BK10M-PUR-U

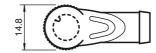
Cable socket, M12, LED, 4-pin, PUR cable

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

Dimensions





Technical data

General specifications	
Number of pins	4
Connection 1	socket
Construction type 1	right angle
Threading 1	M12
Connection 2	cable end

Indicators/operating means

LED green	Operating display
LED yellow	Functional display NO contact

Electrical specifications

Operating voltage	U_B	max. 24 V DC ± 159
Operating current		max. 4 A
Contact resistance		$<$ 10 m Ω

Ambient conditions

Ambient temperature	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

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Mater	ial		

Contacts	CuSn / Au
Contact surface	Au
Body	TPU, transparent
Cable	PUR
Slotted nut	Diecast zinc

Core insolation PP extra-fine wire, flexible

Sheath diameter Ø 4.3 mm

Bending radius > 10 x cable diameter, moving

Color black 4 x 0.34 mm² Cores Conductor construction 42 x 0.1 mm Ø Length 10 m

Flammability

94 HB Contact material

94 V-2 Housing

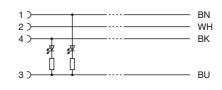
Compliance with standards and directives

Standard conformity

Degree of protection EN 60529:2000 Standards IEC 61076-2-101:2008

Electrical connection





Approvals and certificates

UL approval

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