



Model Number

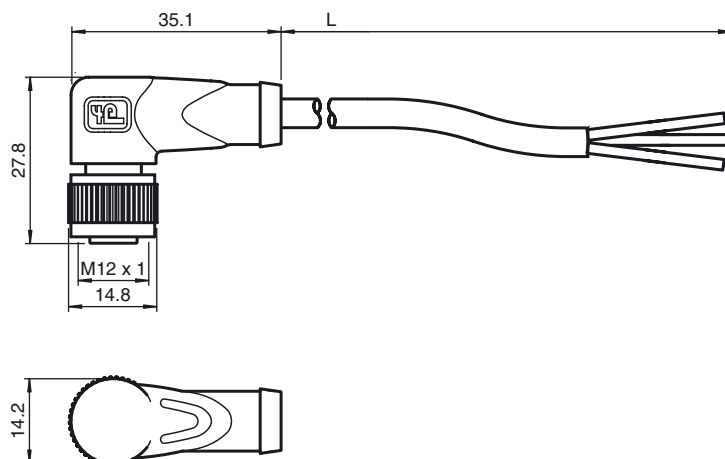
V1-W-E2-BK5M-PUR-U

Cable socket, M12, LED, 3-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 contacts
- Flame resistant cable
- Halogen-free
- Appropriate for conveyor chains

Dimensions



Technical data

General specifications

Number of pins	3
Connection 1	Connector, female
Construction type 1	angled
Threading 1	M12
Connection 2	free cable end

Indicators/operating means

LED green	Operating display
LED yellow	Functional display NO

Electrical specifications

Operating voltage	U_B	max. 24 V DC $\pm$ 15%
Operating current		max. 4 A
Volume resistance		< 5 m Ω

Ambient conditions

Ambient temperature	Cable, fixed: -40 ... 80 °C (233 ... 353 K) Cable, moving: -20 ... 80 °C (253 ... 353 K)
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, transparent
Cable	PUR
Slotted nut	diecast zinc
Core isolation	PP
Cable	extra-fine wire, flexible
Sheath diameter	$\varnothing$ 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 $\varnothing$
Length	L
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

