



Model Number

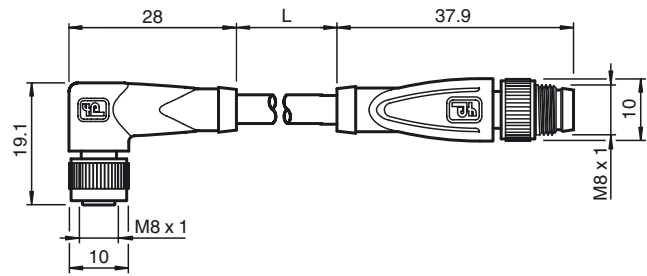
V31-WM-BK2M-PVC-U-V3-GM

Connection cable, M8 to M8, 3-pin, PVC cable

Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts

Dimensions



Technical data

General specifications

Number of pins	3
UL File Number	E231213

Electrical specifications

Operating voltage	U_B	max. 60 V DC
Test voltage		$> 1500 V_{eff} AC$
Operating current	I_B	max. 3 A
Volume resistance		$< 5 m\Omega$

Ambient conditions

Ambient temperature	-40 ... 90 °C (-40 ... 194 °F) -25 ... 70 °C (-13 ... 158 °F)
Pollution Degree	3

Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67

Material

Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PVC
Slotted nut	Diecast zinc
Sleeve connector	Diecast zinc
Core insulation	PVC
Cable	fine-strand, flexible
Sheath diameter	$\varnothing 4.3 \text{ mm}$
Bending radius	$> 15 \times$ cable diameter, induced $> 5 \times$ cable diameter, fixed
Color	black
Cores	$3 \times 0.34 \text{ mm}^2$
Conductor construction	$19 \times 0.15 \text{ mm } \varnothing$
Length	L 2 m
Flammability	
Contact material	94 HB
Housing	94 V-2

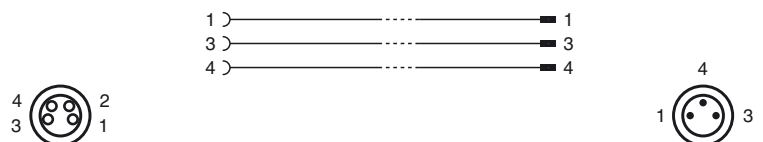
Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529:2000
Standards	IEC 61076-2-104:2008
Flammability	Grip: UL 94

Approvals and certificates

UL approval	cURus AWM 2095 AWM I/II A/B 80°C 300V FT1 (cable)
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Electrical connection



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