



Model Number

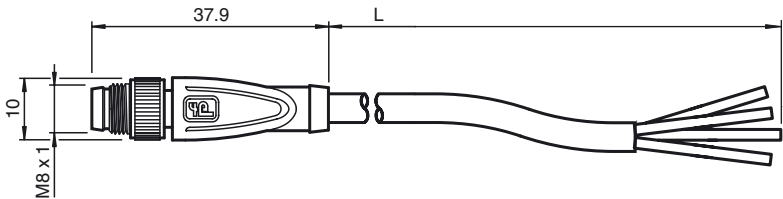
V31S-GM-BK2M-PVC-U

Single-ended male cordset, M8, 4-pin, PVC cable

Features

- UL Recognized Component
- Raw cable with cURus approval
- Knurled nut suitable for tool assembly
- Gold plated contacts

Dimensions



Technical data

General specifications

Number of pins	4
UL File Number	E231213

Electrical specifications

Operating voltage	U_B	max. 30 V DC
Test voltage		$> 1500 V_{eff} AC$
Operating current	I_B	max. 4 A
Volume resistance		$< 5 m\Omega$

Ambient conditions

Ambient temperature	cable, fixed: $-25 \dots 80 \text{ }^\circ\text{C}$ ($-13 \dots 176 \text{ }^\circ\text{F}$) cable, flexing: $-5 \dots 80 \text{ }^\circ\text{C}$ ($23 \dots 176 \text{ }^\circ\text{F}$)
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
Sleeve connector	Diecast zinc
Core insulation	PVC
Cable	fine-strand, flexible
Sheath diameter	$\varnothing 4.3 \text{ mm}$
Bending radius	$> 15 \times \text{cable diameter, moving}$ $> 5 \times \text{cable diameter, fixed}$
Color	black
Number of cores	4
Core cross-section	0.34 mm^2
Conductor construction	$19 \times 0.15 \text{ mm } \varnothing$
Length	L 2 m

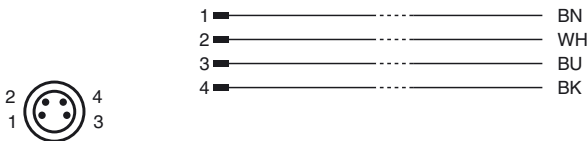
Compliance with standards and directives

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 $80 \text{ }^\circ\text{C}$ 300V FT1 (cable)
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Electrical connection



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

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