



Model Number

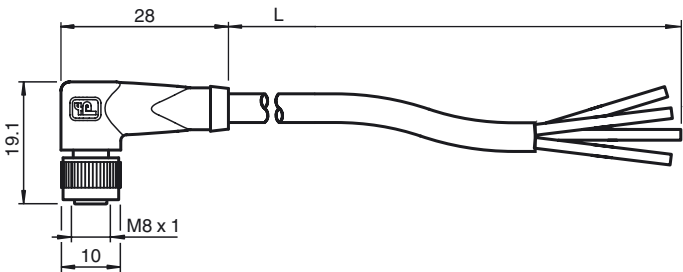
V31-WM-BK3M-PUR-U

Female cordset, M8, 4-pin, PUR cable

Features

- Raw cable with cURus approval
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Flame resistant cable
- Halogen-free
- Suitable for drag chains
- Suitable for 2-, 3- and 4-wire technology
- Resistant to microbes and hydrolysis

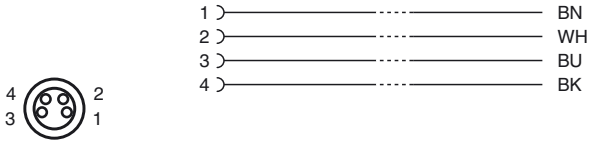
Dimensions



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 mΩ
Ambient conditions		
Ambient temperature		Body: -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -25 ... 80 °C (-13 ... 176 °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		PUR
Slotted nut		Diecast zinc
Core insulation		PP
Cable		
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	3 m
Drag chain suitability		
Drag chain cycles		≥ 5000000 (at max. 60 °C)
Motion velocity		≤ 3.3 m/s
Traverse distance		5 m horizontal
Acceleration		≤ 5 m/s ²
Torsional stress		± 180 °/m
Flammability		
Contact material		94 HB
Housing		94 V-2
Cable		FT2
Compliance with standards and directives		
Standard conformity		

Electrical connection



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Degree of protection	EN 60529:2000
Standards	IEC 61076-2-104:2008
Flammability	Cable: UL 758 / UL 1581
Halogen-free	IEC 60754-1:1994/DIN VDE 0472-815
Approvals and certificates	
UL approval	cURus AWM 20549 AWM I/II A/B 80°C 300V FT2 (cable)

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