



Model Number

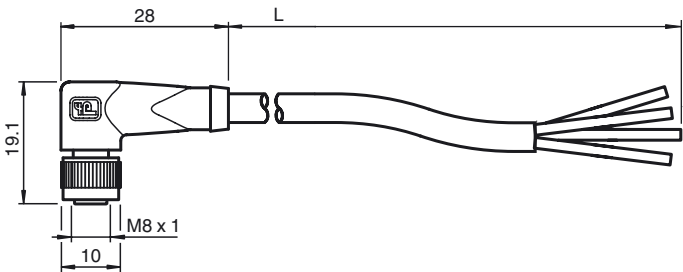
V31-WM-BK10M-PUR-U

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
- Resistant to microbes and hydrolysis
- Halogen-free
- Suitable for 2-, 3- and 4-wire technology
- Suitable for drag chains

Dimensions



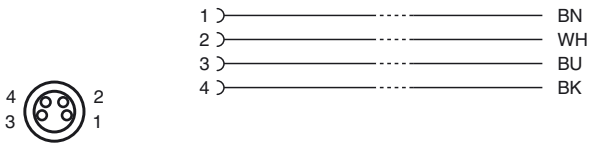
Technical data

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			
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	10 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



Release date: 2015-06-01 14:52 Date of issue: 2015-06-01 217853_eng.xml



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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