



Model Number

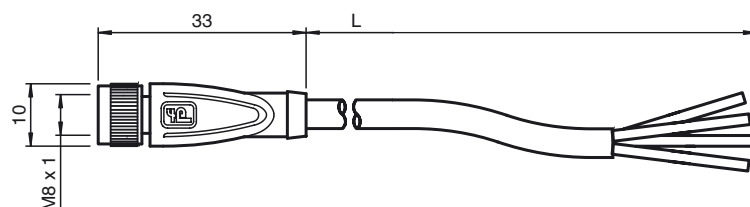
V31-GM-BK10M-PUR-U

Cable socket, M8, 4-pole, PUR cable

Features

- Raw cable with cURus approval
- Appropriate for conveyor chains
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Halogen-free
- Suitable for 2-, 3- and 4-wire technology

Dimensions



Technical data

General specifications

Number of poles	4
Connection 1	Connector, female
Construction type 1	straight
Threading 1	M8
Connection 2	free cable end

Electrical specifications

Operating voltage	U_B	max. 30 V DC
Test voltage		> 1500 V _{eff} AC
Operating current		max. 4 A
Volume resistance		< 5 mΩ

Ambient conditions

Ambient temperature	-25 ... 100 °C (248 ... 373 K) for temperatures over 80 °C (353 K) reduced elongation at tear
Degree of soiling	3

Mechanical specifications

Mechanical specifications		
Contact elements	spring-loaded contact socket	
pin diameter	1 mm	
Protection degree	IP67	
Material		
Contacts	CuSn / Au	
Contact surface	Au	
Handle	TPU, green	
Cable	PUR	
Slotted nut	diecast zinc	
Core isolation	PP	
Cable	extra-fine wire, flexible	
Sheath diameter	Ø 4.3 mm	
Bend radius	> 10 x conductor diameter, appropriate for conveyor chains	
Colour	black	
Cores	4 x 0.34 mm ²	
Conductor construction	42 x 0.1 mm Ø	
Length	L	10 m
Flammability		
Contact material	94 V-2	
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 1

