



Model Number

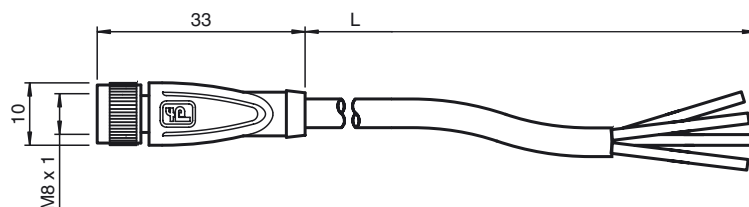
V31-GM-BK5M-PUR-U

Cable socket, M8, 4-pole, 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
- Appropriate for conveyor chains
- Suitable for 2-, 3- and 4-wire technology

Dimensions



Technical data

General specifications

Number of pins	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. 3 A
Volume resistance		< 5 mΩ

Ambient conditions

Ambient temperature	Cable, fixed: -40 ... 100 °C (233 ... 373 K) Cable, moving: -20 ... 100 °C (253 ... 373 K) for temperatures over 80 °C (353 K) reduced elongation at tear
Pollution Degree	3

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
Bending radius	> 10 x cable diameter, appropriate for conveyor chains
Color	black
Cores	4 x 0.34 mm ²
Conductor construction	42 x 0.1 mm Ø
Length	L
Flammability	
Contact material	94 HB
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

