



Model Number

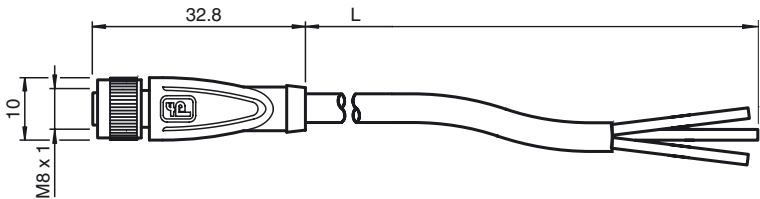
V3-GM-BK5M-PVC-U

Female cordset single-ended, M8, 3-pin, PVC cable

Features

- Raw cable with cURus approval
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Suitable for 2- and 3-wire technology

Dimensions



Technical data

General specifications

Number of pins	3
Connection 1	socket
Construction type 1	straight
Threading 1	M8
Connection 2	cable end

Electrical specifications

Operating voltage	U _B	max. 48 V AC / 60 V DC
Operating current	I _B	max. 4 A
Volume resistance		< 5 mΩ

Ambient conditions

Ambient temperature	-25 ... 100 °C (-13 ... 212 °F) for temperatures over 80 °C (176 °F) reduced elongation at tear
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, green
Cable	PVC
Slotted nut	Diecast zinc
Core insulation	PVC
Cable	fine-strand, flexible
Sheath diameter	Ø 4.3 mm
Bending radius	> 10 x cable diameter, moving
Color	black
Cores	3 x 0.34 mm ²
Conductor construction	19 x 0.15 mm Ø
Length	L 5 m
Flammability	
Contact carrier	94 V-2
Housing	94 V-2

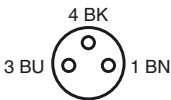
Compliance with standards and directives

Standard conformity	
Specification	connector M8 x 1 : IEC 61076-2-104

Approvals and certificates

UL approval	cURus AWM 2095 AWM I/II A/B 80°C 300V FT1 (cable)
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Electrical connection



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