



Model Number

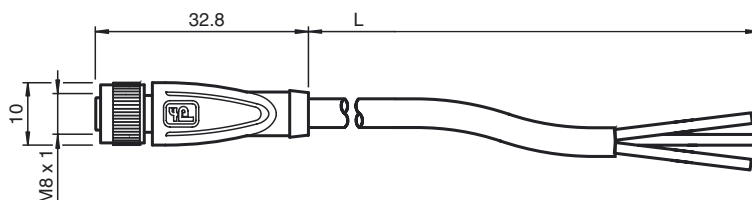
V3-GM-BK5M-PVC-U

Cable socket, 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	female connector
Construction type 1	straight
Threading 1	M8
Connection 2	cable end

Electrical specifications

Operating voltage	U_B	max. 60 V DC
Test voltage		> 1500 V _{eff} AC
Operating current		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
Protection degree	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 material	94 V-2
Housing	94 V-2

Approvals and certificates

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

Electrical connection



Release date: 2012-01-19 11:05 Date of issue: 2012-01-19 21:5922_eng.xml

Subject to modifications without notice

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776-4411
fa-info@pepperl-fuchs.com

Copyright Pepperl+Fuchs
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS
SENSING YOUR NEEDS