



Model Number

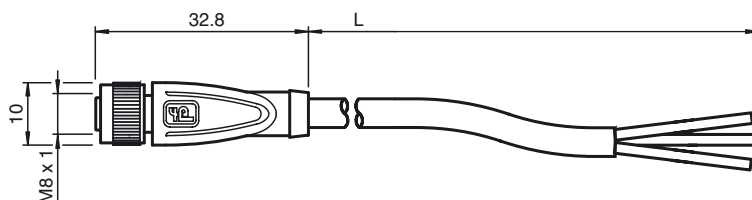
V3-GM-BK5M-PUR-U

Cable socket, M8, 3-pin, PUR cable

Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Flame resistant cable
- Halogen-free
- Appropriate for conveyor chains

Dimensions



Technical data

General specifications

Number of pins	3
Connection 1	female connector
Construction type 1	straight
Threading 1	M8
Connection 2	cable end
UL File Number	E231213

Electrical specifications

Operating voltage	U_B	max. 60 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 (-40 ... 212 °F) cable, flexing: -20 ... 100 °C (-4 ... 212 °F) for temperatures over 80 °C (176 °F) reduced elongation at tear
Pollution Degree	3

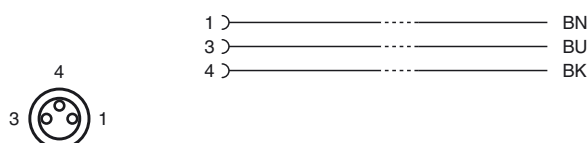
Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Protection degree	IP67
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, green
Cable	PUR
Slotted nut	Diecast zinc
Core insulation	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	3 x 0.34 mm ²
Conductor construction	42 x 0.1 mm Ø
Length	L
Flammability	
Contact material	HB
Housing	V-2
Cable	flame-resistant

Compliance with standards and directives

Standard conformity	
Protection degree	EN 60529:2000
Standards	IEC 61076-2-101:2008

Electrical connection





Flammability

Body: UL 94
Line: UL 1581 Section 1061; IEC 60332-1-2:2004

Release date: 2012-01-19 11:05 Date of issue: 2012-01-19 217480_eng.xml