



Model Number

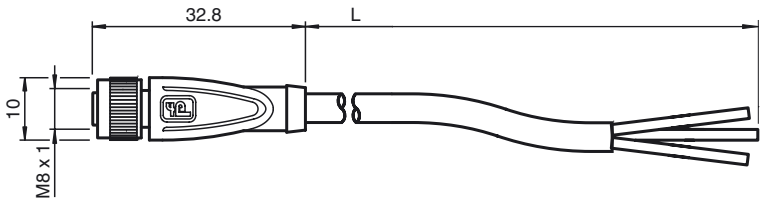
V3-GM-BK5M-PUR-Y70100963

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

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Halogen-free
- Resistant to microbes and hydrolysis

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. 3 A
Volume resistance		< 5 mΩ

Ambient conditions

Ambient temperature	Body: -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -25 ... 80 °C (-13 ... 176 °F) cable, flexing: -25 ... 80 °C (-13 ... 176 °F)
Pollution degree	3

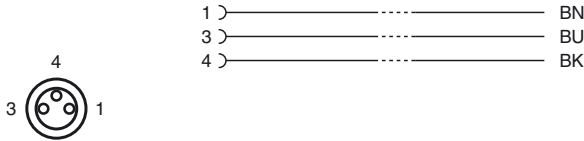
Mechanical specifications

Contact elements	spring-loaded contact socket	
Pin diameter	1 mm	
Degree of protection	IP67	
Cable code	Li9Y-11YM 3x0,14	
Material		
Contacts	CuSn / Au	
Contact surface	Au	
Body	TPU, black	
Cable	PUR	
Slotted nut	Diecast zinc	
Core insulation	PP	
Cable		
Sheath diameter	Ø 3.3 mm	
Color	black	
Number of cores	3	
Core cross-section	0.14 mm ²	
Conductor construction	72 x 0.05 mm Ø	
Length	L	5 m
Flammability		
Contact carrier	94 HB	
Housing	94 V-2	

Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529:2000
Flammability	Grip: UL 94
Specification	connector M8 x 1 : IEC 61076-2-104

Electrical connection



Release date: 2019-07-15 14:08 Date of issue: 2019-07-15 70100963_eng.xml