



### Model Number

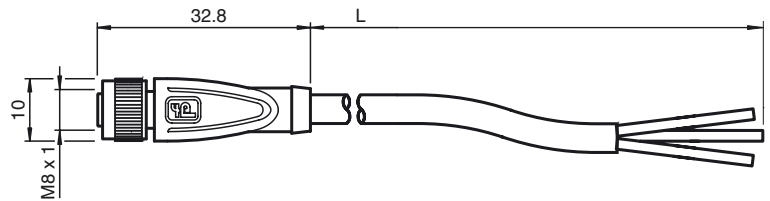
**V3-GM-BK5M-PUR-Y70100963**

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 m $\Omega$

#### 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	$\varnothing$ 3.3 mm
Color	black
Number of cores	3
Core cross-section	0.14 mm <sup>2</sup>
Conductor construction	72 x 0.05 mm $\varnothing$
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

