

Model Number

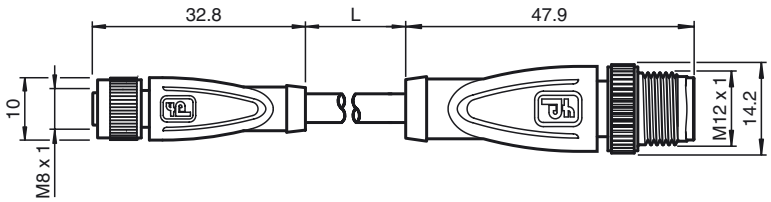
V3-GM-5M-PUR-V11-G

Double-ended cordset, M8 to M12 3-pin, PUR cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Halogen-free
- Suitable for 2- and 3-wire technology

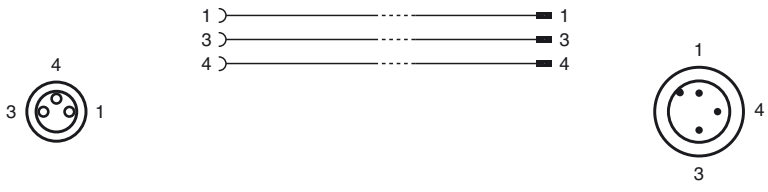
Dimensions



Technical data

General specifications		
Number of pins		3
Connection 1		socket
Construction type 1		straight
Threading 1		M8
Connection 2		Male connector
Construction type 2		straight
Threading 2		M12
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		cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -20 ... 80 °C (-4 ... 176 °F)
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, black
Cable		PUR
Slotted nut		Diecast zinc
Sleeve connector		Diecast zinc
Core insulation		PP
Cable		fine-strand, flexible
Sheath diameter		Ø 4.3 mm
Bending radius		> 15 x cable diameter, moving > 8 x cable diameter, fixed
Color		grey
Cores		3 x 0.25 mm^2
Conductor construction		14 x 0.15 mm Ø
Length	L	5 m
Compliance with standards and directives		
Standard conformity		
Specification		connector M8 x 1 : IEC 61076-2-104 connector M12 x 1 : IEC 61076-2-101

Electrical connection



Release date: 2019-07-15 13:37 Date of issue: 2019-07-15 193620_eng.xml