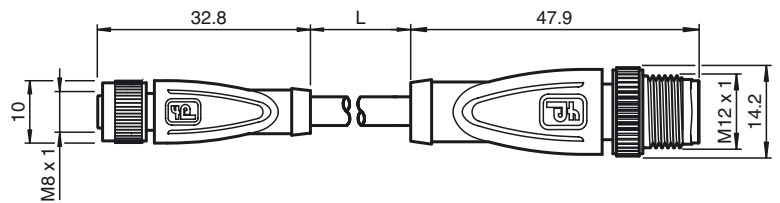




Dimensions



Model Number

V31-GM-0,3M-PUR-V1-G

Connection cable, M8 to M12, PUR cable, 4-pin

Features

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

Technical data

General specifications

Number of pins	4
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. 30 V AC/DC
Test voltage		> 1500 V _{eff} AC
Operating current		max. 3 A
Volume resistance		< 5 mΩ
Contact resistance		< 10 mΩ

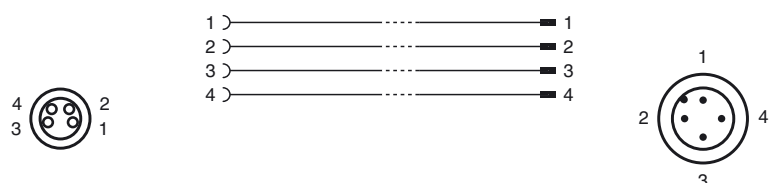
Ambient conditions

Ambient temperature	-40 ... 90 °C (-40 ... 194 °F) 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
Core insulation	PP
Cable	fine-strand, flexible
Sheath diameter	Ø 4.3 mm
Bending radius	> 15 x cable diameter, induced > 8 x cable diameter, fixed
Color	grey
Cores	4 x 0.25 mm ²
Conductor construction	14 x 0.15 mm Ø
Length	L 0.3 m
Flammability	
Contact material	94 HB
Housing	94 V-2

Electrical connection



Release date: 2014-05-20 10:42 Date of issue: 2014-05-20 240797-0003_eng.xml

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".