Model Number

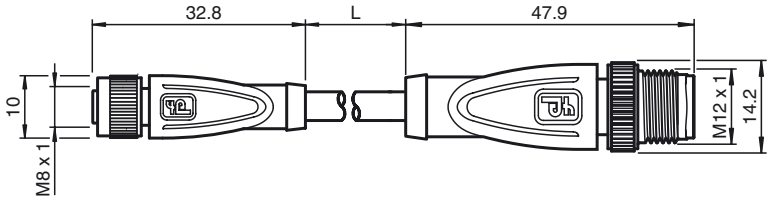
V31-GM-0,6M-PUR-V1-G

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
- Resistant to microbes and hydrolysis
- Halogen-free

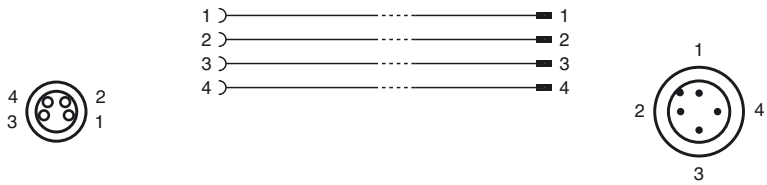
Dimensions



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
Operating current		max. 3 A
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 insolation		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	0.6 m
Flammability		
Contact material		94 HB
Housing		94 V-2

Electrical connection



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