



Model Number

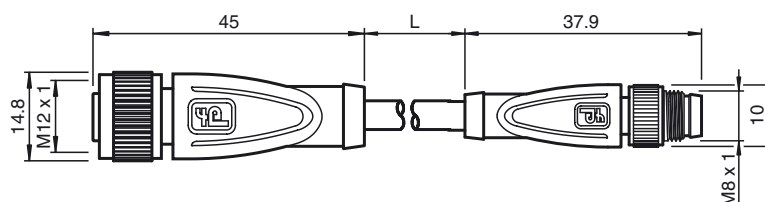
V1-G-2M-PUR-V31-GM

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

Features

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

Dimensions



Technical data

General specifications

Number of pins	4
Connection 1	female connector
Construction type 1	straight
Threading 1	M12
Connection 2	Male connector
Construction type 2	straight
Threading 2	M8

Electrical specifications

Operating voltage	U_B	max. 30 V DC
Test voltage		> 1500 V _{eff} AC
Operating current		max. 3 A
Volume resistance		< 5 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

Mechanical specifications		
Contact elements	spring-loaded contact socket	
Pin diameter	1 mm	
Protection degree	IP67	
Material		
Contacts	CuSn / Au	
Contact surface	Au	
Body	TPU, green	
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, 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	2 m
Flammability		
Contact material	94 HB	
Housing	94 V-2	

Electrical connection

