



Model Number

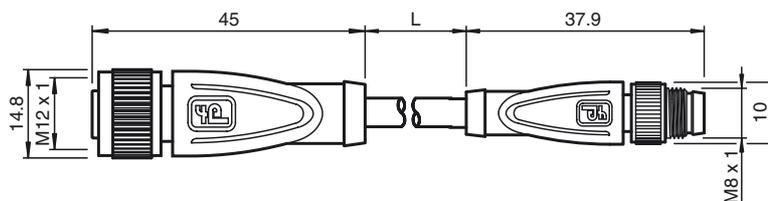
V1-G-BK0,6M-PUR-U-V31-GM

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

Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Flame resistant cable
- Resistant to microbes and hydrolysis
- Halogen-free

Dimensions



Technical data

General specifications

Number of pins	4
UL File Number	E231213

Electrical specifications

Operating voltage	U_B	max. 250 V AC/DC
Operating current	I_B	max. 3 A
Volume resistance		< 5 m Ω

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

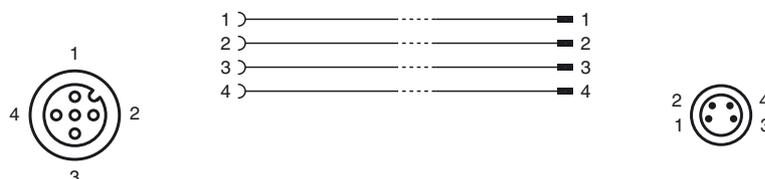
Material

Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Slotted nut	Diecast zinc
Sleeve connector	Diecast zinc
Core insulation	PP
Cable	extra-fine wire, flexible
Sheath diameter	\varnothing 4.3 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed
Color	black
Number of cores	4
Core cross-section	0.34 mm ²
Conductor construction	42 x 0.1 mm \varnothing
Length	L 0.6 m
Flammability	
Contact carrier	94 HB
Housing	94 V-2
Cable	FT2

Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529:2000
Standards	IEC 61076-2-101:2008
Flammability	Body: UL 94 Line: UL 1581 Section 1061; IEC 60332-1-2:2004

Electrical connection



Release date: 2017-04-03 13:26 Date of issue: 2017-04-03 240795-0001_eng.xml



Halogen-free IEC 60754-1:1994

Approvals and certificates

UL approval UL Recognized General purpose

Maximum permissible operating voltage ≤ 30 V

Maximum permissible ambient temperature ≤ 80 °C (≤ 176 °F)

Release date: 2017-04-03 13:26 Date of issue: 2017-04-03 240795-0001_eng.xml