



Model Number

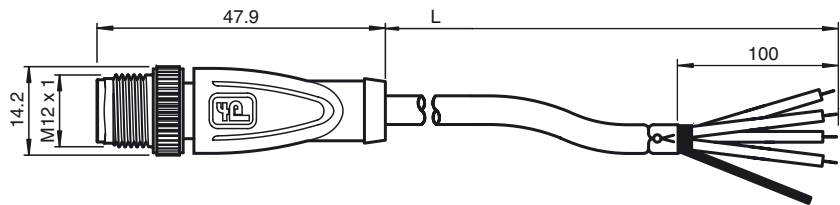
V1S-G-0,5M-PUR-ABG-Y275189

Cable connector, M12, 4-pin, PUR ca-
ble

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechani-
cal latching
- Gold plated contacts
- Degree of protection IP67 / IP68 /
IP69K
- Halogen-free

Dimensions



Technical data

General specifications

Number of pins	4 + shield
Connection 1	Male connector
Construction type 1	straight
Threading 1	M12
Connection 2	cable end

Electrical specifications

Operating voltage	U _B	max. 250 V AC/DC
Operating current	I _B	max. 4 A
Contact resistance		< 10 mΩ

Ambient conditions

Ambient temperature	40 ... 90 °C (104 ... 194 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -30 ... 80 °C (-22 ... 176 °F)
Pollution degree	3

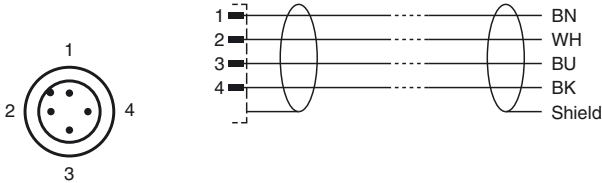
Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67 / IP68 / IP69k
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Sleeve connector	Diecast zinc
Core insulation	PP
Cable	fine-strand, flexible
Sheath diameter	Ø 4.8 mm
Bending radius	> 10 x cable diameter, moving
Color	grey
Cores	4 x 0.34 mm ²
Conductor construction	19 x 0.15 mm Ø
Length	L 10 m
Flammability	
Contact carrier	94 HB
Housing	94 V-2

Compliance with standards and direc-
tives

Standard conformity	
Degree of protection	EN 60529:2000
Standards	IEC 61076-2-101:2008
Flammability	Grip: UL 94

Electrical connection



Release date: 2018-03-26 15:19 Date of issue: 2018-03-26 275189_eng.xml

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 4411
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com