



### Model Number

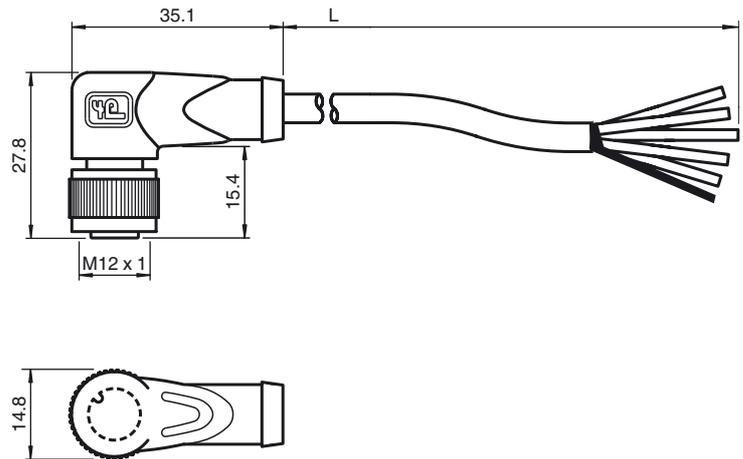
#### V15-W-10M-PVC-ABG

Female cordset, M12, 5-pin, shielded, PVC cable

### Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Shield attached to coupling nut

### Dimensions



### Technical data

#### General specifications

Number of pins	5 + shield
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	cable end

#### Electrical specifications

Operating voltage	$U_B$	max. 48 V AC / 60 V DC
Operating current	$I_B$	max. 4 A
Contact resistance		< 10 mΩ

#### Ambient conditions

Ambient temperature	Body: -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -30 ... 80 °C (-22 ... 176 °F) cable, flexing: -15 ... 80 °C (5 ... 176 °F)
Pollution degree	3

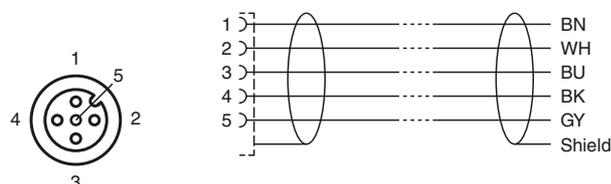
#### Mechanical specifications

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	PVC
Slotted nut	Diecast zinc
Core insulation	PP
Cable	fine-strand, flexible
Sheath diameter	Ø 4.8 mm
Bending radius	> 10 x cable diameter, moving 5 x cable diameter, single bend
Color	grey
Number of cores	5
Core cross-section	0.34 mm <sup>2</sup>
Conductor construction	19 x 0.15 mm Ø
Shield	grid covering 85 %
Length	L 10 m
Flammability	
Contact carrier	94 HB
Housing	94 V-2

#### Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529:2000
Flammability	Grip: UL 94

### Electrical connection





Specification

connector M12 x 1 : IEC 61076-2-101

Release date: 2019-07-15 17:08 Date of issue: 2019-07-15 253354\_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 1111  
fa-info@de.pepperl-fuchs.com

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