

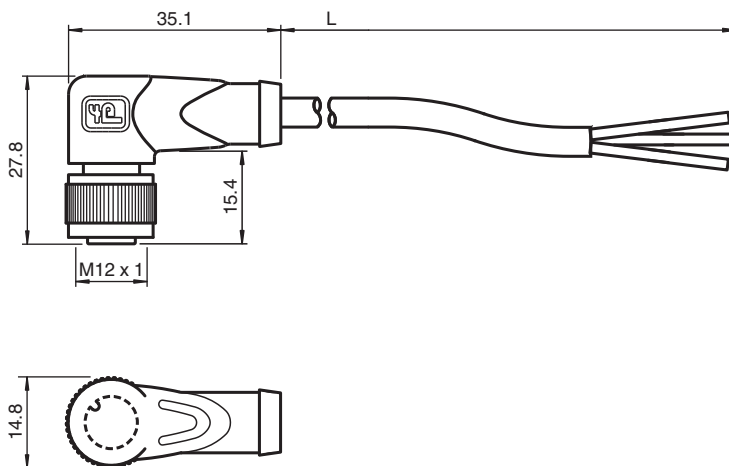
Female connector V1-W-E2-3M-PUR

- Built-in LED, as operating and function indicator
- Degree of protection IP67 / IP68 / IP69
- Resistant to microbes and hydrolysis
- Halogen-free
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Female cordset single-ended M12 angled A-coded, LED 3-pin, PUR cable grey



Dimensions



Technical Data

General specifications

Connector 1	
Connection	socket
Construction type	M12
Style	right angle
Locking	screw connection
Number of pins	3
Coding	A-coded
Connector 2	
Connection	cable end

Indicators/operating means

LED green	Operating display
LED yellow	Functional display pin 4

Electrical specifications

Operating voltage	U_B	max. 24 V DC -20 % / +25 %
Operating current	I_B	max. 4 A

Conformity

Release date: 2020-10-23 Date of issue: 2020-10-23 Filename: 189299_eng.pdf

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

PEPPERL+FUCHS

Technical Data

Degree of protection	EN 60529	
Plug connection	connector M12 x 1 : IEC 61076-2-101	
Halogen-free	IEC 60754-1	
Ambient conditions		
Ambient temperature		
Plug connector	-40 ... 90 °C (-40 ... 194 °F)	
Cable, fixed	-40 ... 80 °C (-40 ... 176 °F)	
Cable, flexing	-25 ... 80 °C (-13 ... 176 °F)	
Pollution degree	3	
Mechanical specifications		
Plug connector		
Tightening torque	0.6 Nm	
Loosening protection	available	
Tool installation	straight knurling	
Mating cycles	min. 100	
Degree of protection	IP67 / IP68 / IP69	
Cable		
according to IEC/EN 60228 (DIN VDE 0295) class 5		
Sheath diameter	4.8 mm	
Bending radius	> 10 x cable diameter, moving > 8 x cable diameter, fixed	
Sheath stripping force	max. 10 N / 50 mm	
Sheath color	grey (similar to RAL 7001)	
Number of cores	3	
Core cross-section	0.34 mm ²	
Coors color	Core 1: brown Core 3: blue Core 4: black	
Core construction	19 x 0.15 mm Ø	
Length	L	3 m
Cable code	Li 9Y 11YM 3 x 0.34	
Drag chain suitability		
Drag chain cycles	max. 50 / day	
Motion velocity	max. 0.3 m/s	
Material		
Halogen-free	yes	
Plug connector		
Knurled screw connection	Zinc die-casting, nickel-plated	
Body	TPU, transparent	
Contact surface	Au	
Flammability	V-2	
Cable		
Sheathing	PUR based on polyether	
Core insulation	PP	
Chemical resistance	good	
Microbial resistance	yes	
Hydrolysis resistance	yes	

Release date: 2020-10-23 Date of issue: 2020-10-23 Filename: 189299_eng.pdf

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

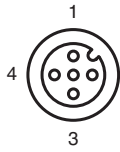
USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

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

 PEPPERL+FUCHS

Connection



Release date: 2020-10-23 Date of issue: 2020-10-23 Filename: 189299_eng.pdf

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