



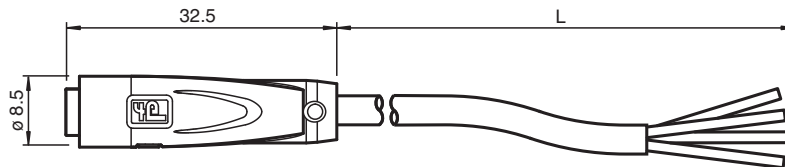
Female cordset V31-GR-5M-PUR

- Degree of protection IP67
- Resistant to microbes and hydrolysis
- Halogen-free
- Snap locking

Female cordset single-ended M8 snap-lock straight A-coded, 4-pin, PUR cable grey



Dimensions



Technical Data

General specifications

Connector 1		
Connection		socket
Construction type		M8
Style		straight
Locking		snap locking
Number of pins		4
Coding		A-coded
Connector 2		
Connection		cable end

Electrical specifications

Operating voltage	U_B	max. 30 V AC/DC
Operating current	I_B	max. 3 A

Conformity

Degree of protection		EN 60529
Plug connection		connector M8 x 1 : IEC 61076-2-104
Halogen-free		IEC 60754-1

Ambient conditions

Ambient temperature		
Plug connector		-25 ... 90 °C (-13 ... 194 °F)
Cable, fixed		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-20 ... 80 °C (-4 ... 176 °F)
Pollution degree		3

Mechanical specifications

Release date: 2023-09-04 Date of issue: 2023-09-04 Filename: 317138_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

Plug connector		
Mating cycles		min. 100
Degree of protection		IP67
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		4.3 mm
Bending radius		> 15 x cable diameter, moving > 8 x cable diameter, fixed
Sheath stripping force		max. 60 N / 500 mm
Sheath color		grey (similar to RAL 7001)
Number of cores		4
Core cross section		0.25 mm ²
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black
Core construction		14 x 0.15 mm Ø
Length	L	5 m
Cable code		Li 9Y 11Y 4 x 0,25
Drag chain suitability		
Drag chain cycles		max. 50 / day
Motion velocity		max. 0.3 m/s
Material		
Halogen-free		yes
Plug connector		
Body		PUR, black
Contact surface		Au
Flammability		V-2
Cable		
Sheathing		PUR based on polyether
Core insulation		PP
Chemical resistance		good
Microbial resistance		yes
Hydrolysis resistance		yes

Connection



1	⌋	-----	BN
2	⌋	-----	WH
3	⌋	-----	BU
4	⌋	-----	BK