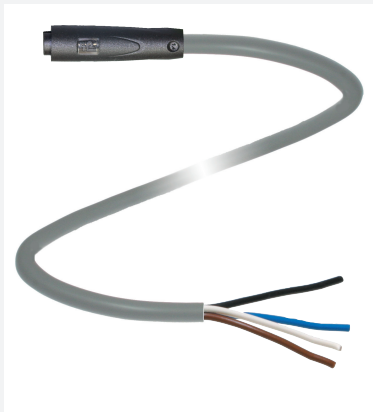




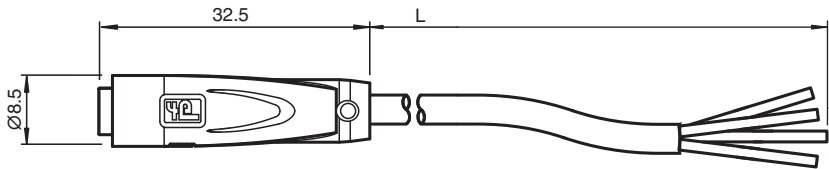
Female connector V31-GR-10M-PUR

- Degree of protection IP65
- 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

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

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

Plug connector	
Mating cycles	min. 100
Degree of protection	IP65
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 10 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	black PUR
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 Assignment



1	_____	BN
2	_____	WH
3	_____	BU
4	_____	BK