



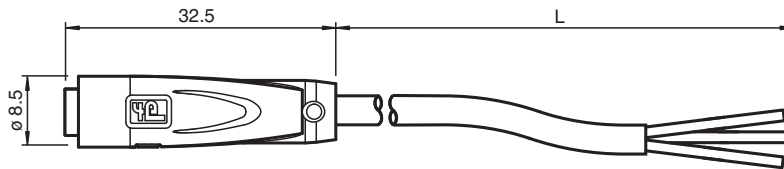
## Female cordset V3-GR-2M-PUR

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

Female cordset single-ended M8 snap-lock straight A-coded, 3-pin, PUR cable grey



### Dimensions



### Technical Data

#### General specifications

<b>Connector 1</b>		
Connection		socket
Construction type		M8
Style		straight
Locking		snap locking
Number of pins		3
Coding		A-coded
<b>Connector 2</b>		
Connection		cable end

#### Electrical specifications

Operating voltage	$U_B$	max. 48 V AC / 60 V 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

<b>Ambient temperature</b>		
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

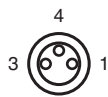
#### Mechanical specifications

Release date: 2023-08-30 Date of issue: 2023-08-30 Filename: 317129\_eng.pdf

## Technical Data

Plug connector		
Mating cycles		min. 100
Degree of protection		IP67
Cable		
Sheath diameter		4.3 mm
Bending radius		> 15 x cable diameter, moving > 8 x cable diameter, fixed
Sheath stripping force		max. 80 N / 500 mm
Sheath color		grey (similar to RAL 7001)
Number of cores		3
Core cross section		0.25 mm <sup>2</sup>
Cores color		Core 1: brown Core 3: blue Core 4: black
Core construction		14 x 0.15 mm Ø
Length	L	2 m
Cable code		Li 9Y 11Y 3 x 0,25
Drag chain suitability		
Drag chain cycles		max. 50 / day
Motion velocity		max. 0.3 m/s
<b>Material</b>		
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
3	⌋	.....	BU
4	⌋	.....	BK