



### Model Number

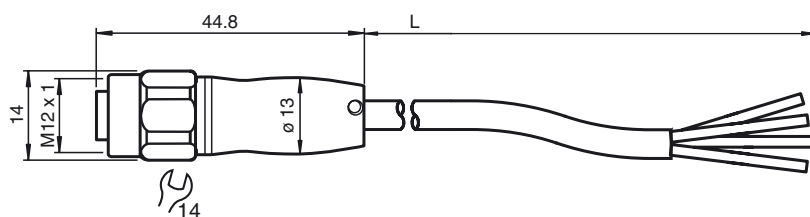
#### V1-GV4A-2M-PP-H1

Single-ended female cordset, M12, V4A stainless steel, hygienic design, 4-pin, PP cable

### Features

- Suitable for applications involving contact with products in the food and beverage industry
- Certified by ECOLAB
- Resistant to all common acid and alkaline cleaning products and disinfectants
- Degree of protection IP67 / IP68 / IP69
- Suitable for drag chains
- Halogen-free (PVC-free)
- Materials used compliant with FDA

### Dimensions



### Technical data

#### General specifications

Number of pins	4
----------------	---

#### Electrical specifications

Operating voltage	$U_B$	max. 250 V AC/DC
Operating current	$I_B$	max. 4 A

#### Ambient conditions

Ambient temperature	cable, flexing: -25 ... 105 °C (-13 ... 221 °F) cable, fixed: -40 ... 105 °C (-40 ... 221 °F)
---------------------	--

Pollution degree	3
------------------	---

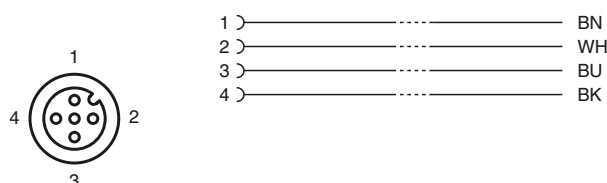
#### Mechanical specifications

Contact elements	spring-loaded contact socket
Degree of protection	IP67 / IP68 / IP69
Material	
Contacts	CuSn
Contact surface	Ni/Au
Body	PP
Cable	PP-EPDM
Slotted nut	stainless steel V4A
Seal	FKM
Core insulation	PP
Temperature resistance	Cold bending-resistant and cold impact-resistant up to -40 °C (-40 °F)
Cable	extra-fine wire, flexible
Sheath diameter	Ø 4.7 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed
Color	grey
Cores	4 x 0.34 mm <sup>2</sup>
Conductor construction	42 x 0.1 mm Ø
Length	L 2 m
Drag chain suitability	
Drag chain cycles	≥ 4000000
Motion velocity	≤ 3 m/s
Traverse distance	10 m
Acceleration	≤ 10 m/s <sup>2</sup>
Torsion cycles	≥ 4000000
Torsional stress	± 270 °/m
Tightening torque, cable gland	0.4 ... 0.6 Nm
Mating cycles	≥ 100

#### Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529
Standards	IEC 61076-2-101

### Electrical connection





Halogen-free	IEC 60754-1
Temperature resistance	DIN EN 60811-1-4
Material	FDA-compliant in accordance with FDA 21 CFR 177.2600

Release date: 2017-04-25 10:50 Date of issue: 2017-05-23 295175\_eng.xml