



Model Number

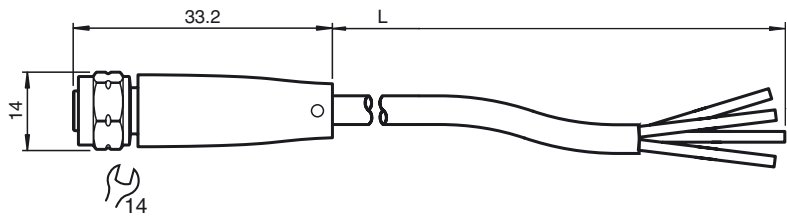
V1-GV4A-10M-PP-W1

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

Features

- Suitable for applications in the splash area 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

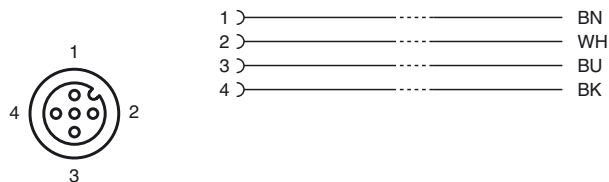
Dimensions



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			
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 ²	
Conductor construction		42 x 0.1 mm Ø	
Length	L	10 m	
Drag chain suitability			
Drag chain cycles		≥ 4000000	
Motion velocity		≤ 3 m/s	
Traverse distance		10 m	
Acceleration		≤ 10 m/s ²	
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



Release date: 2017-11-23 13:54 Date of issue: 2017-11-23 294463_eng.xml



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: 2017-11-23 13:54 Date of issue: 2017-11-23 294463_eng.xml