



Model Number

V1-GV4A-2M-PP-H1

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

Features

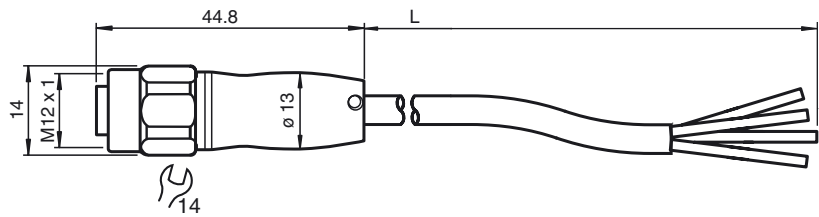
- Suitable for applications involving contact with products in the food and beverage industry
- Certified by ECOLAB
- Resistant to all common acid and alkaline cleaning products and disinfectants
- Degree of protection IP67 / IP68 / IP69
- Suitable for drag chains
- Halogen-free (PVC-free)
- Materials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

Accessories

MH V1-SCREWDRIVER
torque screwdriver (0.6 Nm)

MH V1-BIT M12-W14-HEX
Plug-in attachment for M12 with hex stainless steel knurled nut

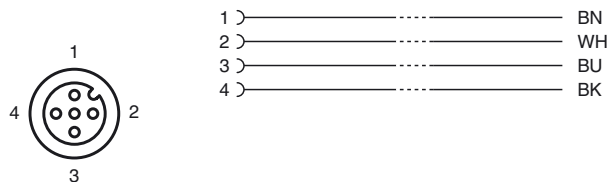
Dimensions



Technical data

General specifications		
Number of pins	4	
Connection 1	socket	
Construction type 1	straight	
Threading 1	M12	
Connection 2	cable end	
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 ²	
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 ²	
Torsion cycles	≥ 4000000	
Torsional stress	± 270 °/m	
Tightening torque, cable gland	0.4 ... 0.6 Nm	
Mating cycles	≥ 100	

Electrical connection



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**Compliance with standards and directives**

Standard conformity	
Degree of protection	EN 60529
Standards	IEC 61076-2-101
Halogen-free	IEC 60754-1
Temperature resistance	DIN EN 60811-1-4
Material	FDA-compliant in accordance with FDA 21 CFR 177.2600