



**Model Number**

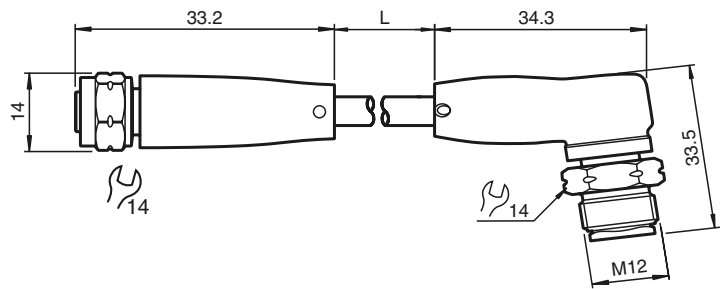
**V1-GV4A-10M-PP-W1-V1-WV4A**

Cordset, M12 to 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

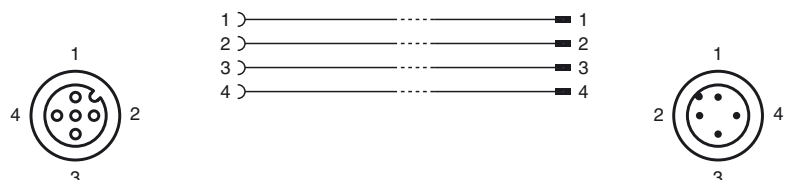
**Mechanical specifications**

|                                |  |
|--------------------------------|--|
| Contact elements               | spring-loaded contact socket   |
| Pin diameter                   | 1 mm   |
| 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<br>> 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 10 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

**Electrical connection**



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|                        |  |
|------------------------|--|
| 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 |

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