



Model Number

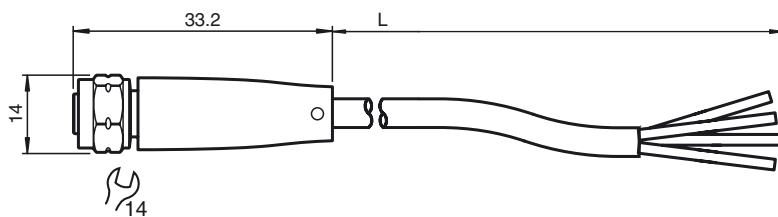
V1-GV4A-10M-PP-W1

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 extra-fine wire, flexible

Sheath diameter \varnothing 4.7 mm
 Bending radius > 10 x cable diameter, moving
 > 5 x cable diameter, fixed

Color grey
 Cores 4 x 0.34 mm²
 Conductor construction 42 x 0.1 mm \varnothing
 Length L 10 m

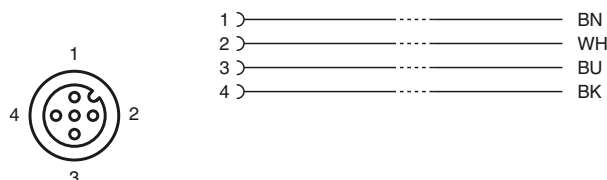
Drag chain suitability

Drag chain cycles \geq 4000000
 Motion velocity \leq 3 m/s
 Traverse distance 10 m
 Acceleration \leq 10 m/s²
 Torsion cycles \geq 4000000
 Torsional stress \pm 270 °/m
 Tightening torque, cable gland 0.4 ... 0.6 Nm
 Mating cycles \geq 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 |

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