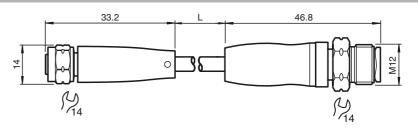
Dimensions



ECOLAB

Model Number

V1-GV4A-5M-PP-W1-V1-GV4A

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 disinfec-
- Degree of protection IP67 / IP68 / IP69
- Suitable for drag chains
- Halogen-free (PVC-free)
- Materials used compliant with FDA

Technical data

General specifications

Number of pins

Electrical specifications

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

Ambient conditions

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

CuSn

cable, fixed: -40 ... 105 °C (-40 ... 221 °F)

Pollution degree

Mechanical specifications

Contact elements spring-loaded contact socket Pin diameter 1 mm

IP67 / IP68 / IP69 Degree of protection

Material Contacts

Contact surface Ni/Au Body PP

PP-EPDM Cable Slotted nut stainless steel V4A

Seal FKM PP Core insulation

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

grey

4 x 0.34 mm² Cores

Conductor construction 42 x 0.1 mm Ø

5 m

Length

Drag chain suitability

≥ 4000000 Drag chain cycles Motion velocity ≤ 3 m/s

Traverse distance 10 m

Acceleration \leq 10 m/s²

Torsion cycles ≥ 4000000

Torsional stress + 270 °/m

Tightening torque, cable gland 0.4 ... 0.6 Nm Mating cycles ≥ 100

Compliance with standards and direc-

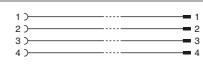
Standard conformity

tives

EN 60529 Degree of protection

Electrical connection







Date of issue: 2017-11-23 294564_eng.xml Release date: 2017-05-02 10:02
 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