



Model Number

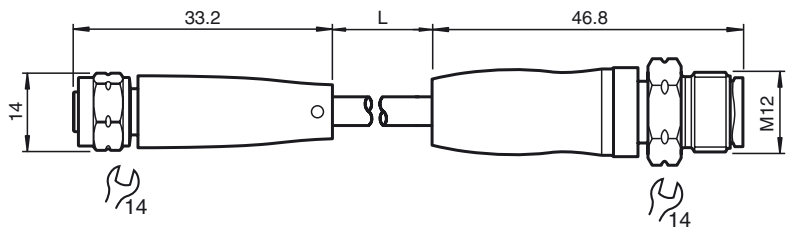
V1-GV4A-2M-PP-W1-V1-GV4A

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 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

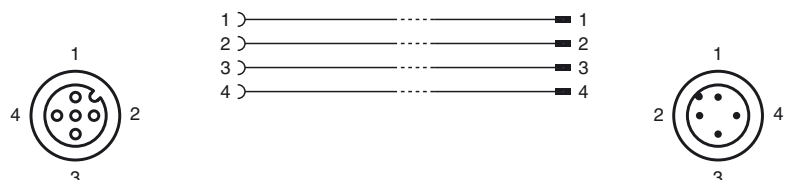
Mechanical specifications

| | |
|--------------------------------|--|
| 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 > 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 |

Compliance with standards and directives

Standard conformity
 Degree of protection EN 60529

Electrical connection



Release date: 2017-05-02 10:02 Date of issue: 2017-11-23 294563_eng.xml



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

Release date: 2017-05-02 10:02 Date of issue: 2017-11-23 294563_eng.xml