


ECOLAB

Model number

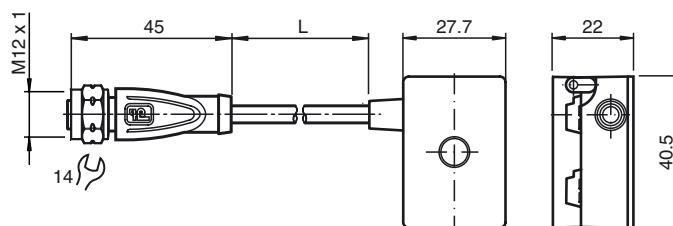
VAZ-T1-FK-G10-4M-PUR-V1-GV4A

G10 junction block, AS-Interface to 1x M12 round plug connector with stainless steel cap nut

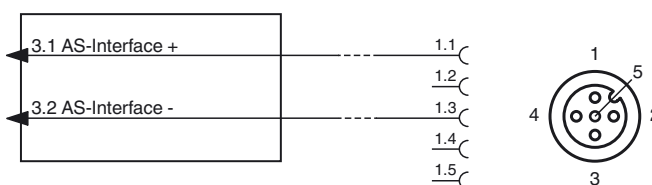
Features

- One piece housing
- Simple and fast mounting
- Stainless steel version, especially suitable for applications in the food industry
- Gold-plated and machined contacts
- Oil and abrasion resistant PUR line appropriate for drag chains
- Immunity to vibration
- Degree of protection IP68 / IP69K
- Halogen-free

Dimensions



Electrical connection



Technical data

General specifications

| | |
|-------------------|--|
| Construction type | Socket, straight Flat cable terminal AS-Interface |
| UL File Number | E223772 "For use in NFPA 79 Applications only" |

Electrical specifications

| | | |
|-------------------------|-------|---|
| Rated operating voltage | U_e | $\leq 32 \text{ V PELV (AS-Interface)}$ |
| Rated operating current | I_e | $\leq 4 \text{ A}$ |
| Protection class | | III |
| Surge protection | | overvoltage category III |

Ambient conditions

| | |
|---------------------|--------------------------------|
| Ambient temperature | -25 ... 75 °C (-13 ... 167 °F) |
| Storage temperature | -25 ... 85 °C (-13 ... 185 °F) |
| Pollution degree | 3 |

Mechanical specifications

| | |
|----------------------|--|
| Degree of protection | IP67 IP67 / IP68 / IP69K with flat cable VAZ-FK-S* |
| Connection | Flat cable AS-Interface: cable piercing method Plug connection: M12 x 1 socket (V1) |

Material

| | |
|----------------|------------------------------------|
| Contacts | CuSn / Au |
| Housing | PBT PC |
| Body | black PUR |
| Cable | PUR |
| Slotted nut | stainless steel 1.4404 / AISI 316L |
| Mounting screw | Stainless steel 1.4305 / AISI 303 |

Cable

| | |
|-------------------------------------|--|
| Sheath diameter | Ø4,3 mm |
| Color | black |
| Cores | 2 x 0.5 mm ² |
| Length | L 4 m |
| Mass | 75 g |
| Tightening torque, fastening screws | 1.65 Nm |
| Note | The unused flat cable connector is closed with a seal. |

Compliance with standards and directives

| | |
|----------------------|---------------|
| Standard conformity | |
| Degree of protection | EN 60529:2000 |

Approvals and certificates

| | |
|-------------|--------------------------------|
| UL approval | cULus Listed, Type 1 enclosure |
|-------------|--------------------------------|

Maximum permissible operating current $\leq 3\text{ A}$

Maximum permissible ambient temperature $\leq 55\text{ °C}$ ($\leq 131\text{ °F}$)

Notes

Mounting instructions

You may screw the device onto a level mounting surface using two M4 attachment screws. The attachment screws are not included.

