


ECOLAB

Model number

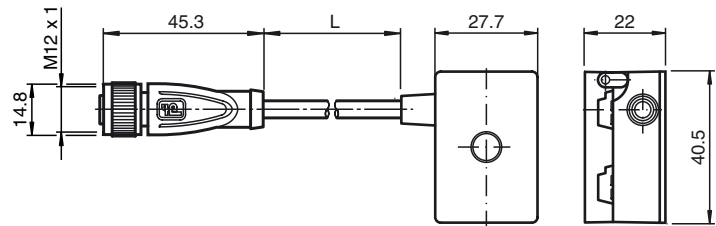
VAZ-T1-FK-G10-F-1M-PUR-V1-G

G10 junction block, LED status indication, AS-Interface to 1x M12 round plug connector

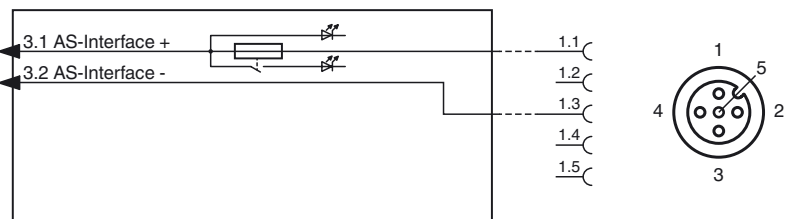
Features

- One piece housing
- Simple and fast mounting
- Fuse with LED display
- 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

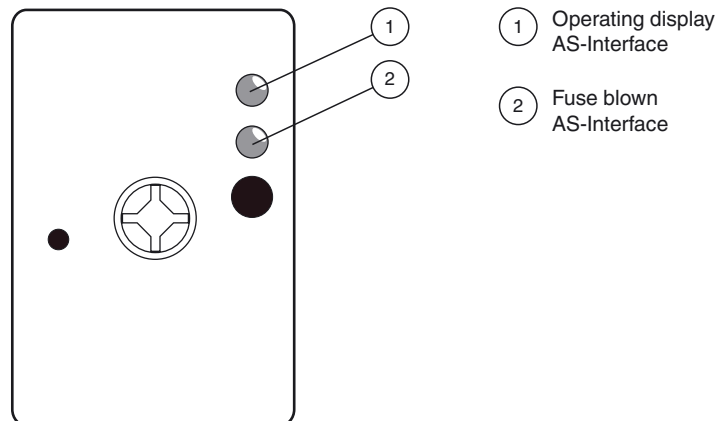
Dimensions



Electrical connection



Indicating / Operating means



Technical data

General specifications

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

Functional safety related parameters

MTTF _d	1620 a
Mission Time (T _M)	20 a
Diagnostic Coverage (DC)	0 %

Indicators/operating means

LED FAULT	LED red: Fuse unit blown
LED PWR	LED green: normal operation

Electrical specifications

Rated operating voltage	U _e	10 ... 32 V PELV
Protection class		III
Short-circuit current	I _k	max. 50 A

Surge protection U_g : Over voltage category III, safe isolated power supplies (PELV)

Output

Current loading capacity Rated current of the fuse: 1.6 A
Continuous operation: 1.2 A

Voltage drop U_d ≤ 0.4 V

Overload protection Fuse acc. to UL248-1, UL248-14

Ambient conditions

Ambient temperature -25 ... 70 °C (-13 ... 158 °F)

Storage temperature -25 ... 85 °C (-13 ... 185 °F)

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

Mounting screw Stainless steel 1.4305 / AISI 303

Cable

Sheath diameter $\varnothing 4,3$ mm

Color black

Cores 2×0.34 mm²

Length L 1 m

Mass 70 g

Tightening torque, fastening screws 1.65 Nm

Tightening torque, cable gland 0.4 Nm

Note The unused flat cable connector is closed with a seal.

Compliance with standards and directives**Directive conformity**

EMC Directive 2004/108/EC EN 61000-6-2:2005, EN 61000-6-4:2007

Standard conformity

Noise immunity EN 61000-6-2:2005

Emitted interference EN 61000-6-4:2007

Degree of protection EN 60529:2000

Approvals and certificates

UL approval cULus Listed, Type 1 enclosure

Maximum permissible ambient temperature ≤ 55 °C (≤ 131 °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.

