

AS-Interface splitter box

VAZ-2T1-FK-G10-F-2M-PUR-V1-G

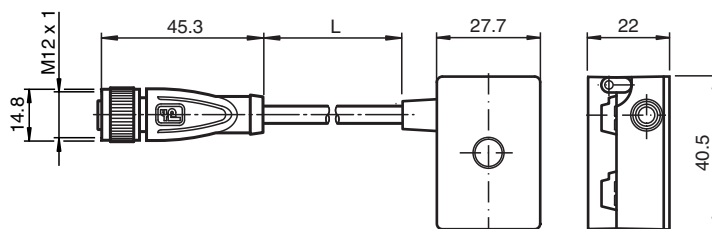


- One piece housing
- Simple and fast mounting
- Fuses with LED display
- Gold-plated and machined contacts
- Oil and abrasion resistant PUR line appropriate for drag chains
- Immunity to vibration
- Degree of protection IP68 / IP69K
- Halogen-free

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



Dimensions



Technical Data

General specifications		
Construction type		Socket, straight Flat cable terminals AS-Interface/ext. auxiliary voltage
UL File Number		E223772 "For use in NFPA 79 Applications only"
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 (AS-Interface , ext. auxiliary voltage AUX)
Protection class		III
Short-circuit current	I _k	max. 50 A
Surge protection		U _e : Over voltage category III, safe isolated power supplies (PELV)
Output		
Current loading capacity		Rated current of the fuse: 1.6 A Continous operation: 1.2 A
Voltage drop	U _d	≤ 0.6 V

Release date: 2023-11-21 Date of issue: 2023-11-21 Filename: 279017_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

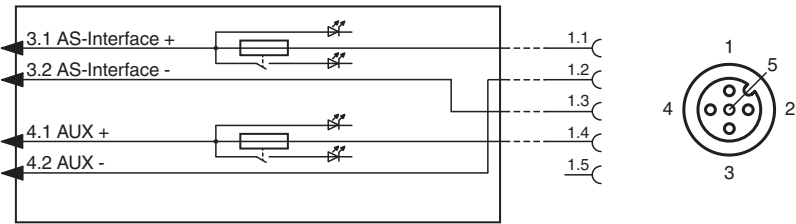
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

 **PEPPERL+FUCHS**

Technical Data

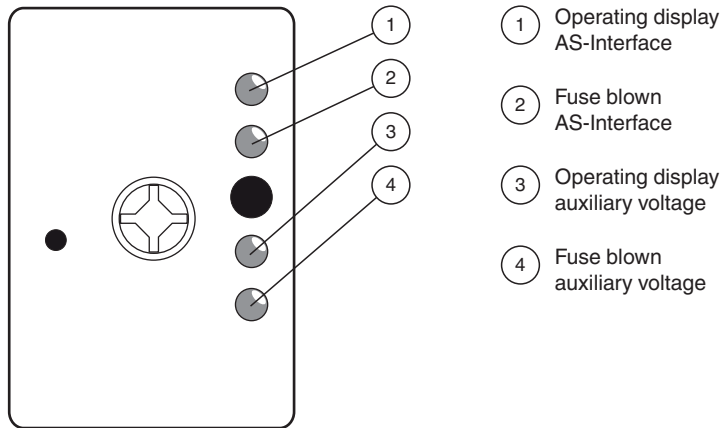
Overload protection		Fuse acc. to UL248-1, UL248-14
Compliance with standards and directives		
Directive conformity		
EMC Directive 2004/108/EC		EN 61000-6-2:2005, EN 61000-6-4:2007
Standard conformity		
Noise immunity		EN 61000-6-2:2005
Emitted interference		EN 61000-6-4:2007
Degree of protection		EN 60529:2000
Approvals and certificates		
UL approval		cULus Listed, Type 1 enclosure
Maximum permissible ambient temperature		max. 55 °C (max. 131 °F)
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 Flat cable ext. auxiliary voltage U _{AUX} : Insulation penetration technology Plug connection: M12 x 1 socket (V1)
Material		
Contacts		CuSn / Au
Housing		PBT PC
Body		PUR, black
Cable		PUR
Mounting screw		Stainless steel 1.4305 / AISI 303
Cable		
Sheath diameter		Ø4,3 mm
Color		black
Cores		4 x 0.34 mm ²
Length	L	2 m
Mass		100 g
Tightening torque, fastening screws		1.65 Nm
Tightening torque, cable gland		0.4 Nm

Connection

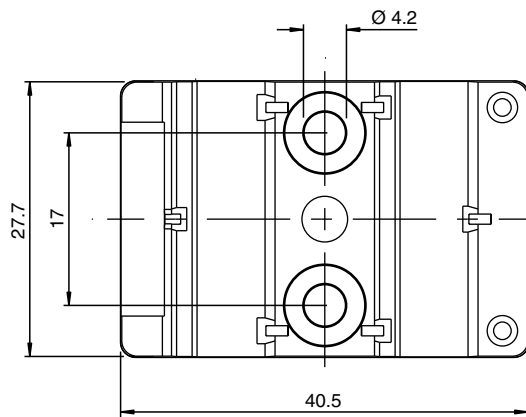


Release date: 2023-11-21 Date of issue: 2023-11-21 Filename: 279017_eng.pdf

Assembly



Mounting



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