



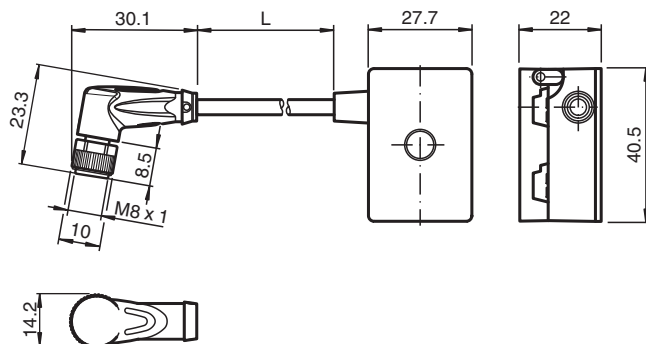
AS-Interface splitter box VAZ-2T1-FK-G10-1M-PUR-V31-WM

- One piece housing
- Simple and fast mounting
- 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

Splitter box G10, AS-Interface and auxiliary voltage to 1 x M8 round connector



Dimensions



Technical Data

General specifications

Construction type	Socket, right-angled AS-Interface/ext. flat cable, terminals Auxiliary voltage
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Electrical specifications

Rated operating voltage	U_e	10 ... 32 V PELV
Rated operating current	I_e	≤ 4 A AS-Interface, ≤ 4 A AUX
Protection class		III
Surge protection		overvoltage category III
Pulse withstand voltage		800 V

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
Application		for use in NFPA 79 applications
Maximum permissible operating voltage		max. 32 V
Maximum permissible operating current		max. 3 A

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

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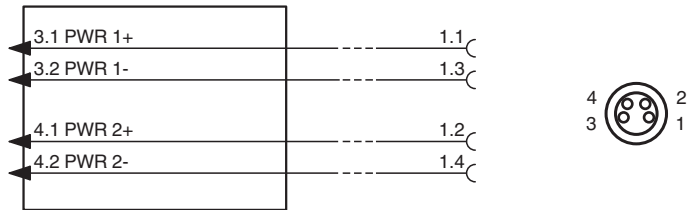
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PEPPERL+FUCHS

Technical Data

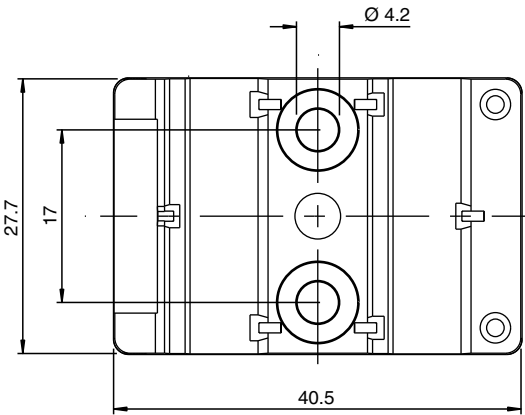
Maximum permissible ambient temperature	max. 55 °C (max. 131 °F)
UL File Number	E223772
Ambient conditions	
Ambient temperature	-25 ... 75 °C (-13 ... 167 °F)
Storage temperature	-25 ... 85 °C (-13 ... 185 °F)
Pollution degree	3
Mechanical specifications	
Degree of protection	IP67 IP67 / IP68 / IP69K with flat cable VAZ-FK-S-*
Connection	Flat cable AS-Interface: cable piercing method Flat cable ext. auxiliary voltage U _{AUX} : Insulation penetration technology Connector: socket M8 x 1 (V3)
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 1 m
Mass	75 g
Tightening torque, fastening screws	1.65 Nm
Dimensions	
Height	22 mm
Width	27.7 mm
Length	40.5 mm

Connection Assignment



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Mounting



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