



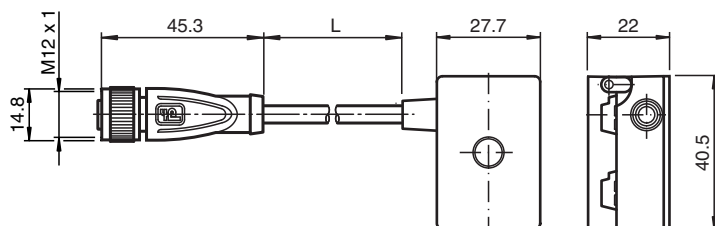
## AS-Interface splitter box VAZ-2T1-FK-G10-2M-PUR-V1-G

- 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 M12 round connector



### Dimensions



### Technical Data

#### General specifications

|                   |                                                                              |
|-------------------|------------------------------------------------------------------------------|
| Construction type | Socket, straight<br>Flat cable terminals AS-Interface/ext. auxiliary voltage |
|-------------------|------------------------------------------------------------------------------|

#### Electrical specifications

|                          |       |                                         |
|--------------------------|-------|-----------------------------------------|
| Rated operating voltage  | $U_e$ | $\leq 60$ V PELV                        |
| Rated operating current  | $I_e$ | $\leq 3$ A AS-Interface, $\leq 3$ A AUX |
| Protection class         |       | III                                     |
| Current loading capacity |       | max. 4 A                                |
| Surge protection         |       | overvoltage category III                |
| Pulse withstand voltage  |       | 800 V                                   |

#### Compliance with standards and directives

|                      |               |
|----------------------|---------------|
| Standard conformity  |               |
| 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                       |

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

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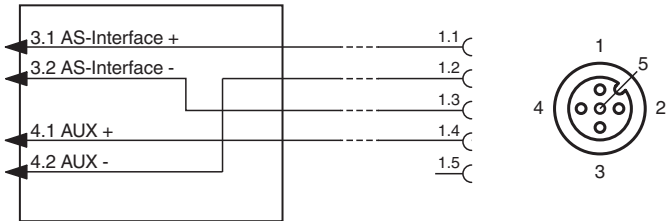
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Technical Data

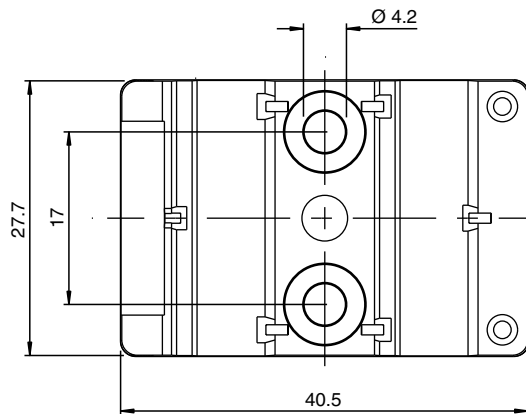
|                                     |   |                                                                                                                                                                                  |
|-------------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UL File Number                      |   | E223772                                                                                                                                                                          |
| <b>Ambient conditions</b>           |   |                                                                                                                                                                                  |
| Ambient temperature                 |   | -25 ... 75 °C (-13 ... 167 °F)                                                                                                                                                   |
| Storage temperature                 |   | -25 ... 85 °C (-13 ... 185 °F)                                                                                                                                                   |
| Pollution degree                    |   | 3                                                                                                                                                                                |
| <b>Mechanical specifications</b>    |   |                                                                                                                                                                                  |
| Degree of protection                |   | IP67<br>IP67 / IP68 / IP69K with flat cable VAZ-FK-S-*                                                                                                                           |
| Connection                          |   | Flat cable AS-Interface: cable piercing method<br>Flat cable ext. auxiliary voltage U <sub>AUX</sub> : Insulation penetration technology<br>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 <sup>2</sup>                                                                                                                                                         |
| Length                              | L | 2 m                                                                                                                                                                              |
| Mass                                |   | 100 g                                                                                                                                                                            |
| Tightening torque, fastening screws |   | 1.65 Nm                                                                                                                                                                          |
| Dimensions                          |   |                                                                                                                                                                                  |
| Height                              |   | 22 mm                                                                                                                                                                            |
| Width                               |   | 27.7 mm                                                                                                                                                                          |
| Length                              |   | 40.5 mm                                                                                                                                                                          |

Connection



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## Mounting



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