



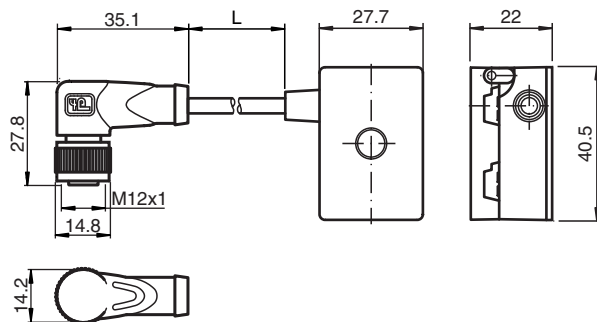
## AS-Interface splitter box VAZ-2T1-FK-G10-1M-PUR-V1-W

- 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, right-angled<br>AS-Interface/ext. flat cable, terminals Auxiliary voltage |  |
| Electrical specifications                |                |                                                                                   |  |
| Rated operating voltage                  | U <sub>e</sub> | ≤ 60 V PELV                                                                       |  |
| Rated operating current                  | I <sub>e</sub> | ≤ 3 A AS-Interface, ≤ 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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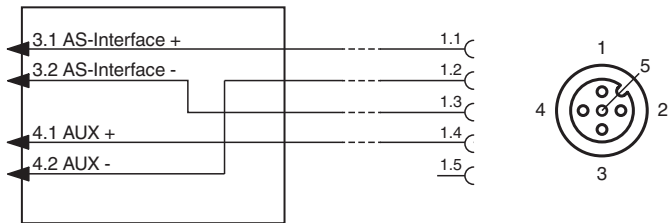
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Technical Data

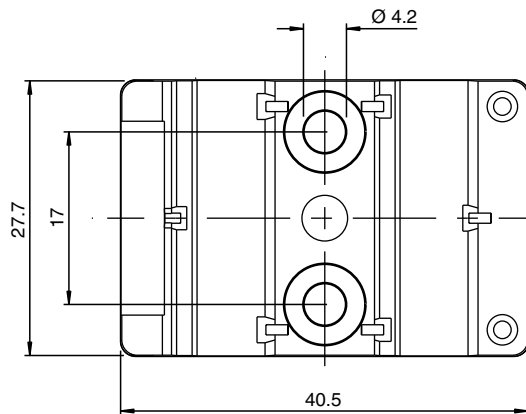
|                                     |   |                                                                                                                                                                                  |
|-------------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UL File Number                      |   | E223772                                                                                                                                                                          |
| 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<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 | 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



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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.