



## AS-Interface splitter box

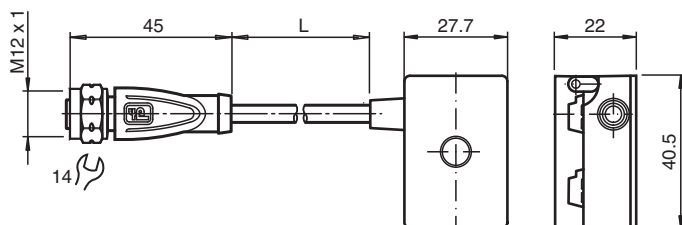
VAZ-2T1-FK-G10-1M-PUR-V1-GV4A

- One piece housing
- Screw connection stainless steel
- Simple and fast mounting
- Gold-plated and machined contacts
- Oil- and abrasion-resistant PUR cable
- 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 | $I_e$ | $\leq 4$ A AS-Interface, $\leq 4$ A AUX |
| Protection class        |       | III                                     |
| 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                       |
| Maximum permissible operating current   | max. 3 A                        |
| 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

Release date: 2024-12-12 Date of issue: 2024-12-12 Filename: 253966\_eng.pdf

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

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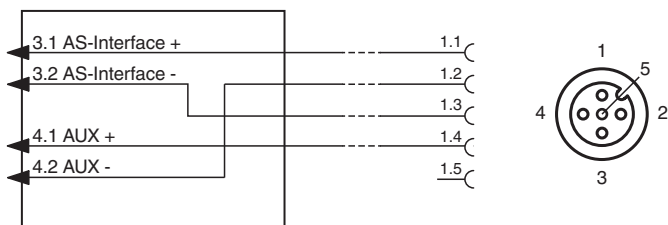
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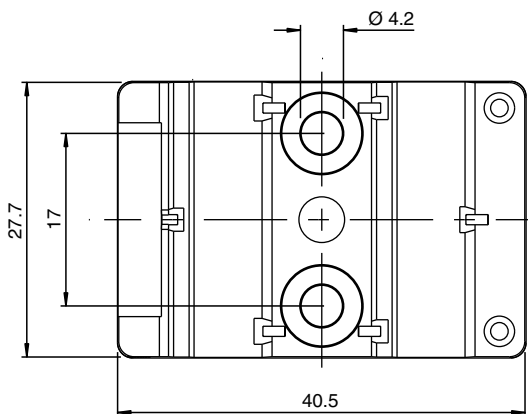
Technical Data

|                                     |                                                        |                                                                                                                                                                                  |
|-------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                              |
| Slotted nut                         |                                                        | Stainless steel 1.4404 / AISI 316L                                                                                                                                               |
| Mounting screw                      |                                                        | Stainless steel 1.4305 / AISI 303                                                                                                                                                |
| Cable                               |                                                        |                                                                                                                                                                                  |
| Sheath diameter                     |                                                        | Ø4.8 mm                                                                                                                                                                          |
| Color                               |                                                        | black                                                                                                                                                                            |
| Cores                               |                                                        | 4 x 0.5 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                                                                                                                                                                          |
| Note                                | The unused flat cable connector is closed with a seal. |                                                                                                                                                                                  |

Connection



Mounting



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