



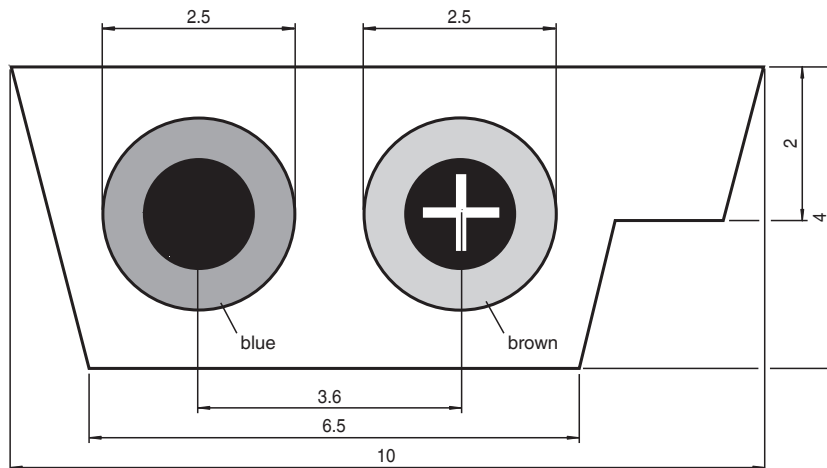
## AS-Interface flat cable VAZ-FK-PUR-BK-SUP

- Oil resistant
- Cable piercing technique
- Resistant to environmental influence
- Resistant to bending
- Suitable for drag chains and abrasion resistant
- Reverse polarity protected due to the shape of the cable
- halogen-free, flame-proof outer shell on PUR basis
- Marking for permanent power supply

AS-Interface flat cable for external auxiliary voltage up to 24 V



### Dimensions



### Technical Data

|                                  |                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General specifications</b>    |                                                                                                                                            |
| UL File Number                   | E48408                                                                                                                                     |
| <b>Electrical specifications</b> |                                                                                                                                            |
| Nominal voltage                  | 24 V                                                                                                                                       |
| Current loading capacity         | According to DIN VDE 0298 Part 4, Table 6, Column 4                                                                                        |
| <b>Ambient conditions</b>        |                                                                                                                                            |
| Ambient temperature              | -40 ... 80 °C (-40 ... 176 °F)                                                                                                             |
| <b>Mechanical specifications</b> |                                                                                                                                            |
| Core cross section               | Copper tin-plated, extra-fine wire, class 6 in accordance with DIN VDE 0295 cross-section 1.5 mm <sup>2</sup>                              |
| Bending radius                   | min. permissible bend radii in accordance with DIN VDE 0298 Part 3, Table 2<br>Bending stress only permitted on the wide side of the cable |
| Tension loading                  | max. 50 N/mm <sup>2</sup> on laying acc. to DIN VDE 0298 Part 3                                                                            |
| Material                         | PUR (TPPU)                                                                                                                                 |
| Core insulation                  | TPM                                                                                                                                        |
| Cable                            | UL-Style 20549                                                                                                                             |
| Bending radius                   | > 60 mm                                                                                                                                    |
| Color                            | black (similar to RAL 9005)                                                                                                                |

Release date: 2022-06-17 Date of issue: 2022-06-17 Filename: 70110503\_eng.pdf

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

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 **PEPPERL+FUCHS**

Technical Data

|                        |  |                                                    |
|------------------------|--|----------------------------------------------------|
| Drag chain suitability |  |                                                    |
| Motion velocity        |  | max. 3 m/s                                         |
| Traverse distance      |  | 5 m                                                |
| Acceleration           |  | max. 5 m/s²                                        |
| Torsion cycles         |  | min. 500000                                        |
| Cable length           |  | 100 m                                              |
| Flammability           |  |                                                    |
| Cable                  |  | Flame-retardant as per IEC 60332-1                 |
| Note                   |  | General weather resistance: Ozone and UV resistant |

Connection

The "SUP" imprint identifies this flat cable as a permanent power supply. This flat cable is not de-energized in the event of an EMERGENCY STOP shut down.

Accessories

|                                                                                   |                   |                                      |
|-----------------------------------------------------------------------------------|-------------------|--------------------------------------|
|  | <b>VAZ-FK-ED3</b> | AS-Interface end seal for flat cable |
|-----------------------------------------------------------------------------------|-------------------|--------------------------------------|

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