



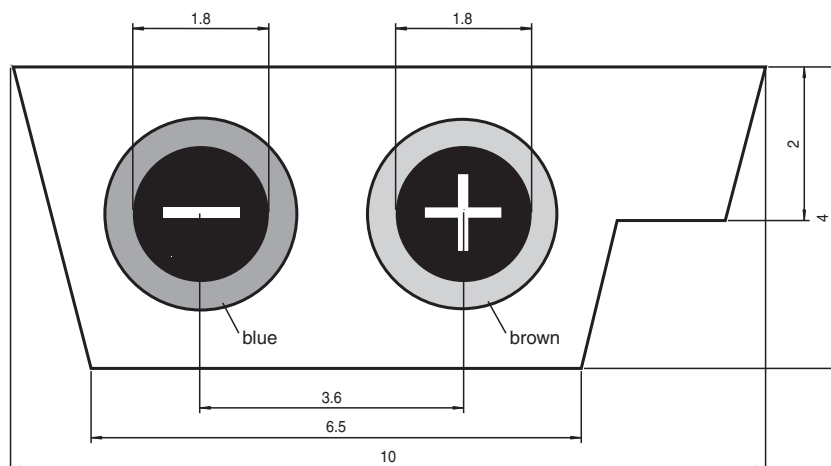
## AS-Interface flat cable VAZ-FK-S-BK-2,5MM-500M

- Cable piercing technique
- Resistant to environmental influence
- Resistant to bending
- Reverse polarity protected due to the shape of the cable
- Halogen-free (PVC-free)
- Does not give off silicone
- Graduations in meters

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



### Dimensions



### Technical Data

#### Electrical specifications

|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| Nominal voltage          | 48 V                                                |
| Current loading capacity | According to DIN VDE 0298 Part 4, Table 6, Column 4 |

#### Ambient conditions

|                       |                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------|
| Conductor temperature | Operating mode: 90 °C (363 K)<br>Short-circuit: 200 °C (473 K)                            |
| Ambient temperature   | -40 ... 85 °C (-40 ... 185 °F) at standstill,<br>-25 ... 85 °C (-13 ... 185 °F) in motion |

#### Mechanical specifications

|                    |                                                                                                                                            |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Core cross section | Copper, extra-fine wire, class 6 in accordance with DIN VDE 0295<br>cross-section 2.5 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           | EPDM<br>Rubber compound EM3, based on DIN VDE 0207 Part 21                                                                                 |
| Core insulation    | Rubber compound in accordance with DIN VDE 0207 Part 20                                                                                    |
| Cable              |                                                                                                                                            |
| Color              | black (similar to RAL 9005)                                                                                                                |

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

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 **PEPPERL+FUCHS**

Technical Data

|              |       |
|--------------|-------|
| Cable length | 500 m |
|--------------|-------|

Accessories

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

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