



### Model number

**VAZ-FK-S-BK-500M**

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

### Features

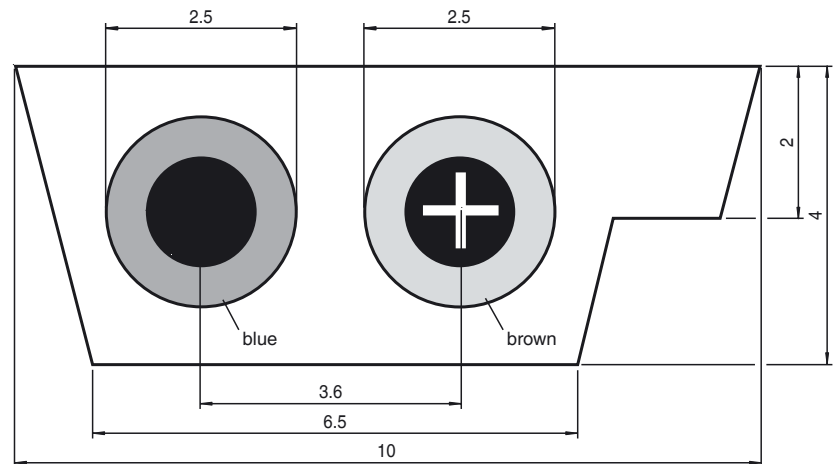
- Cable piercing technique
- Resistant to environmental influence
- Resistant to bending
- Reverse polarity protected due to the shape of the cable
- Halogen-free (PVC-free)
- Does not give off silicone
- Graduations in meters

### Accessories

**VAZ-FK-ED3**

AS-Interface end seal for flat cable

### Dimensions



### Technical data

#### Electrical specifications

|                          |   |
|--------------------------|---|
| Nominal voltage          | 300 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 tin-plated, extra-fine wire, class 6 in accordance with DIN VDE 0295<br>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           | 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)  |
| Cable length       | 500 m  |