



### Model number

**VAZ-FK-PUR-YE-500M**

AS-Interface flat cable

### Features

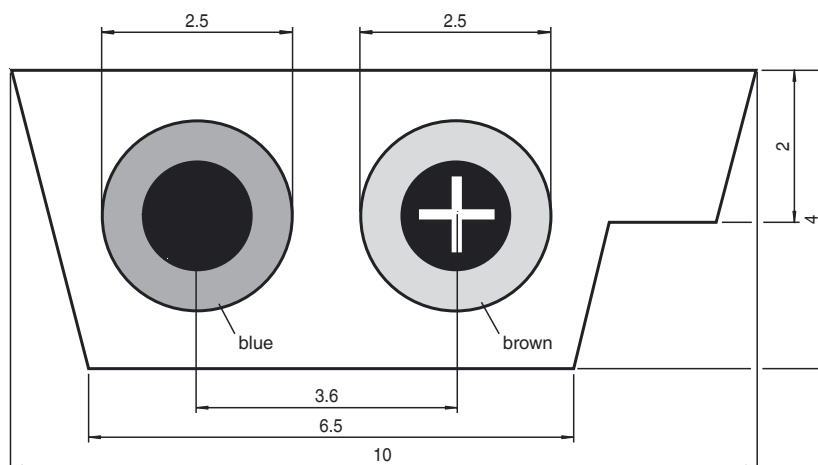
- Oil resistant
- Cable piercing technique
- Resistant to environmental influence
- Resistant to bending
- Suitable for drag chains
- Reverse polarity protected due to the shape of the cable
- halogen-free, flame-proof outer shell on PUR basis

### Accessories

**VAZ-FK-ED3**

AS-Interface end seal for flat cable

### Dimensions



### Technical data

#### General specifications

UL File Number E48408

#### Electrical specifications

Nominal voltage  $U_n$  300 V

Current loading capacity According to DIN VDE 0298 Part 4, Table 6, Column 4

#### Ambient conditions

Ambient temperature -40 ... 80 °C (-40 ... 176 °F)

#### Mechanical specifications

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  
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 yellow (Similar to RAL 1012)

#### Drag chain suitability

Motion velocity ≤ 3 m/s

Traverse distance 5 m

Acceleration ≤ 5 m/s<sup>2</sup>

Torsion cycles ≥ 500000

Cable length 500 m

#### Flammability

Cable Flame-retardant as per IEC 60332-1

Note General weather resistance: Ozone and UV resistant