

### Model number

**VAZ-FK-R-BK 1000M**

AS-Interface flat cable

### Features

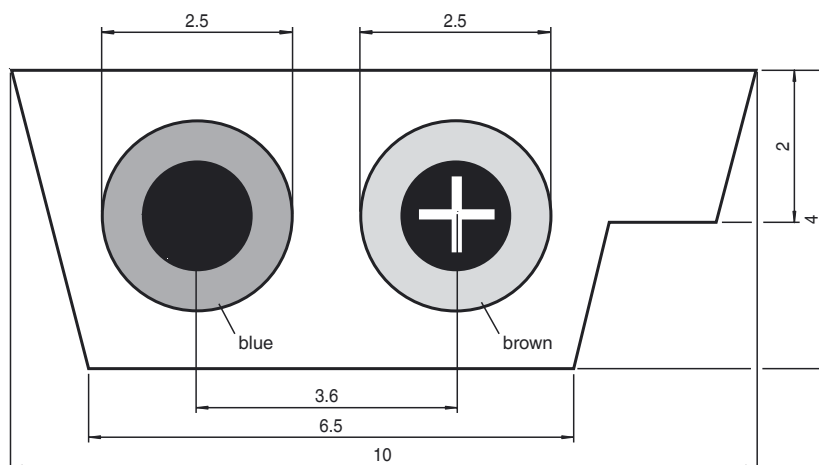
- Oil resistant
- Cable piercing technique
- Resistant to environmental influence
- Resistant to bending
- Suitable for drag chains
- Reverse polarity protected due to the shape of the cable
- Does not give off silicone
- Graduations in meters

### Accessories

**VAZ-FK-ED3**

AS-Interface end seal for flat cable

### Dimensions



### Technical data

#### General specifications

UL File Number E130266

#### Electrical specifications

Nominal voltage  $U_n$  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)  
Short-circuit: 200 °C (473 K)

Ambient temperature -40 ... 85 °C (-40 ... 185 °F) at standstill,  
-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  
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 Thermoplastic Elastomer (TPE)

Core insulation Thermoplastic Elastomer (TPE)

Cable UL-Style 2103

Color black (Similar to RAL 9005)

Drag chain suitability

Drag chain cycles  $\geq 10000000$

Motion velocity  $\leq 4$  m/s

Traverse distance 10 m

Acceleration  $\leq 4$  m/s<sup>2</sup>

Cable length 1000 m

Flammability

Cable Flame-retardant as per IEC 60332-1 and UL 758