



### Model number

#### VAZ-FK-PUR-BK-SUP

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

### Features

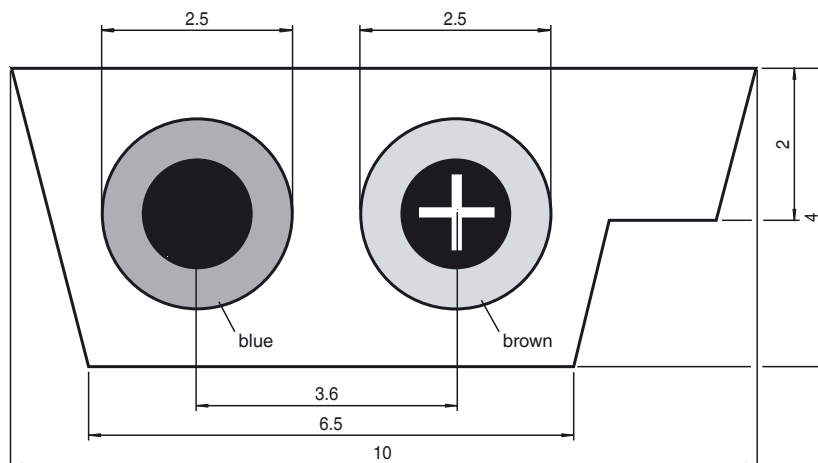
- Oil resistant
- Cable piercing technique
- Resistant to environmental influence
- Resistant to bending
- Suitable for drag chains
- Reverse polarity protected due to the shape of the cable
- halogen-free, flame-proof outer shell on PUR basis
- Marking for permanent power supply

### Accessories

#### VAZ-FK-ED3

AS-Interface end seal for flat cable

### Dimensions



### Technical data

#### General specifications

UL File Number	E48408
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#### Electrical specifications

Nominal voltage	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)
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#### 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 (TPMU)
Core insulation	TPM
Cable	UL-Style 20549
Bending radius	> 60 mm
Color	black (Similar to RAL 9005)
Drag chain suitability	
Motion velocity	≤ 3 m/s
Traverse distance	5 m
Acceleration	≤ 5 m/s <sup>2</sup>
Torsion cycles	≥ 500000
Cable length	100 m
Flammability	
Cable	Flame-retardant as per IEC 60332-1
Note	General weather resistance: Ozone and UV resistant

### Notes

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.