



## AS-Interface flat cable VAZ-FK-S-YE

- 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

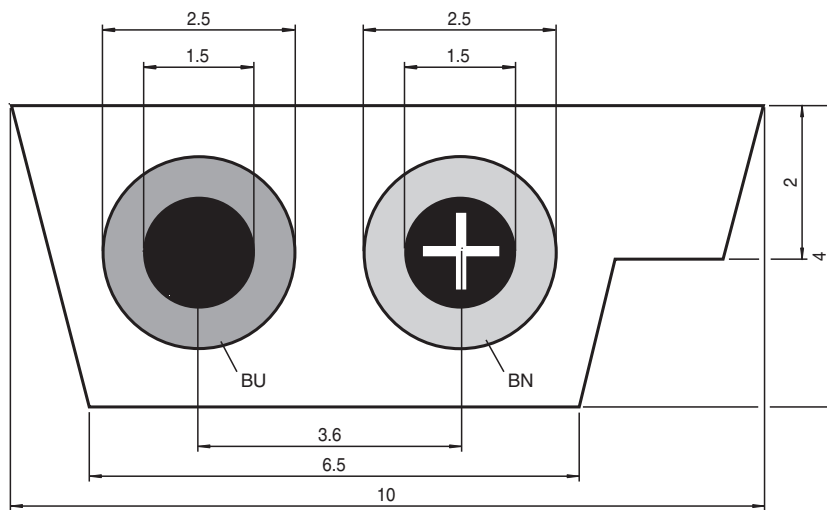
AS-Interface flat cable



### Product Versions

+++ SAFETY +++  
Is also available with black SAFETY print (order code VAZ-FK-S-YE-SAFETY)

### Dimensions



### Technical Data

#### Electrical specifications

Nominal voltage	$U_N$	30.5 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		
Cable, fixed installation		-40 ... 85 °C (-40 ... 185 °F)
Cable, flexing		-25 ... 85 °C (-13 ... 185 °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

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**Technical Data**

Tension loading	max. 50 N/mm <sup>2</sup> on laying acc. to DIN VDE 0298 Part 3
Material	Thermoplastic Elastomer (TPE) Rubber compound EM3, based on DIN VDE 0207 Part 21
Core insulation	Thermoplastic Elastomer (TPE)
Cable	
Sheath color	yellow (similar to RAL 1012)
Number of cores	2
Cores color	Core 1: brown Core 2: blue
Cable length	100 m
Note	The cable is intended for use as a bus power line in inside areas. Only cable with a black sheathing is suitable for outside use.