



### Model number

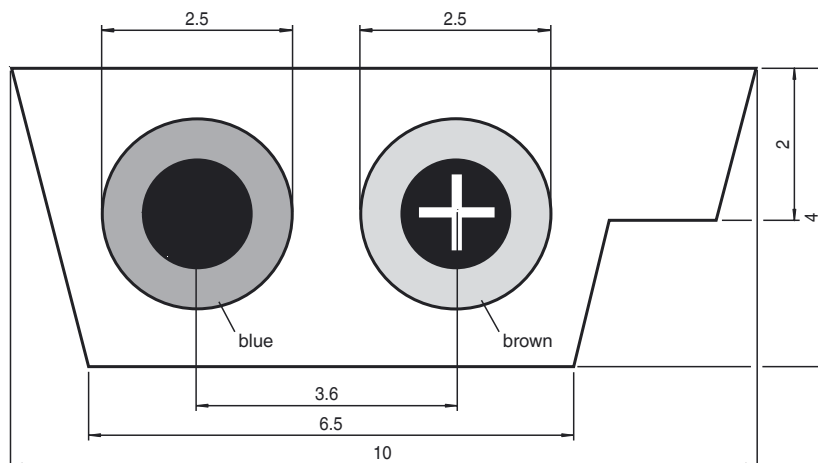
VAZ-FK-\*.\*\*

AS-Interface flat cable

### 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) only type -S-
- Does not give off silicone
- Graduations in meters

### Dimensions



### Technical data

#### 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
Cable length	100 m, also, on request, 1000 m (Trommel)
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.

Model number	VAZ-FK-S-YE*	VAZ-FK-S-BK	VAZ-FK-R-YE	VAZ-FK-R-BK
<b>Version</b>	Standard AS Interface	Standard Ext. Auxiliary power up to 24 V	Resistant to oil AS Interface	Resistant to oil ext. Auxiliary power up to 24 V
<b>Technical data</b>	Materials Rubber mixture EM3 in keeping with German standard DIN VDE 0207 part 2		Thermoplastic Elastomer (TPE)	
	Lead isolation Rubber mixture in keeping with German standard DIN VDE 0207 part 20		Thermoplastic Elastomer (TPE)	
	Cable colour yellow (similar to RAL 1012)	black (similar to RAL 9005)	yellow (similar to RAL 1012)	black (similar to RAL 9005)
<b>General specifications</b>	UL File Number			E130266

\* +++ SAFETY +++  
is also available with black SAFETY print  
(order designation VAZ-FK-S-YE-SAFETY)