



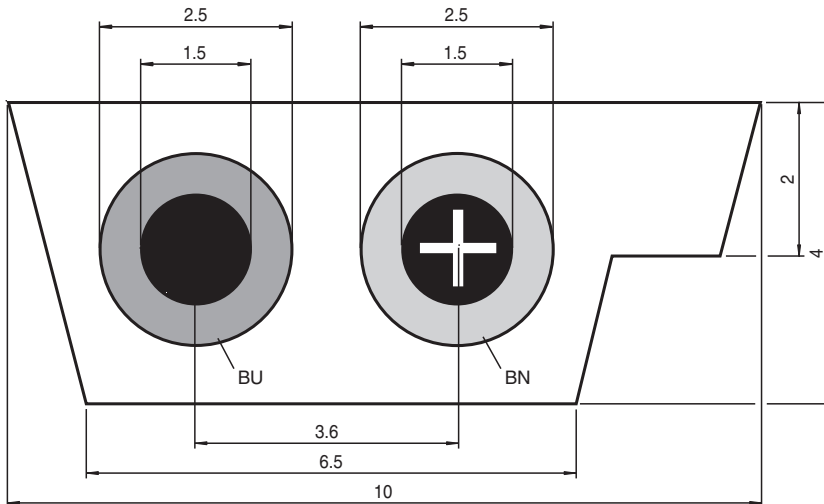
# AS-Interface flat cable VAZ-FK-S-BK-SUP

- 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
- Marking for permanent power supply

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



## Dimensions



## Technical Data

Electrical specifications		
Nominal voltage	$U_N$	24 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
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)

Release date: 2025-05-22 Date of issue: 2025-05-22 Filename: 70110501\_eng.pdf

## Technical Data

Cable		
Sheath color		black (similar to RAL 9005)
Number of cores		2
Cores color		Core 1: brown Core 2: blue
Cable length		100 m

## Connection

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.