

# AS-Interface flat cable

## VAZ-FK-S-BK-500M

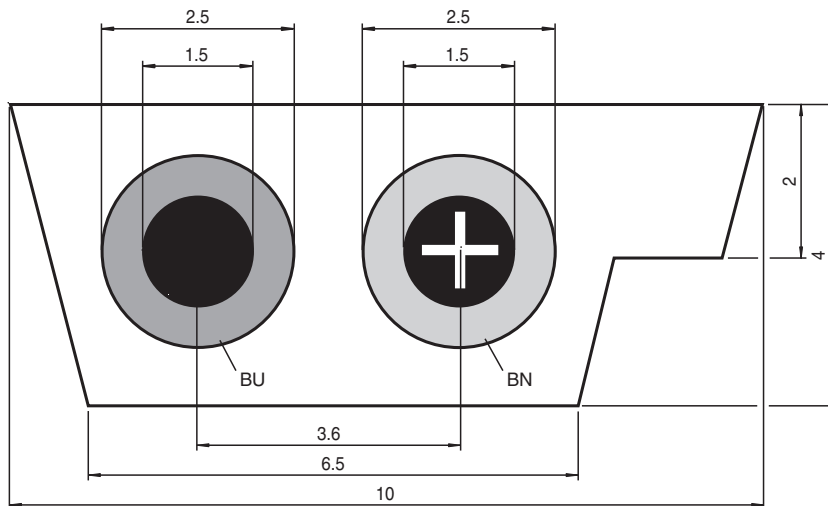


- Cable piercing technique
- Resistant to environmental influence
- Resistant to bending
- Reverse polarity protected due to the shape of the cable
- Halogen-free (PVC-free)
- Does not give off silicone
- Graduations in meters

AS-Interface flat cable 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: 263942\_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		500 m