



AS-Interface flat cable

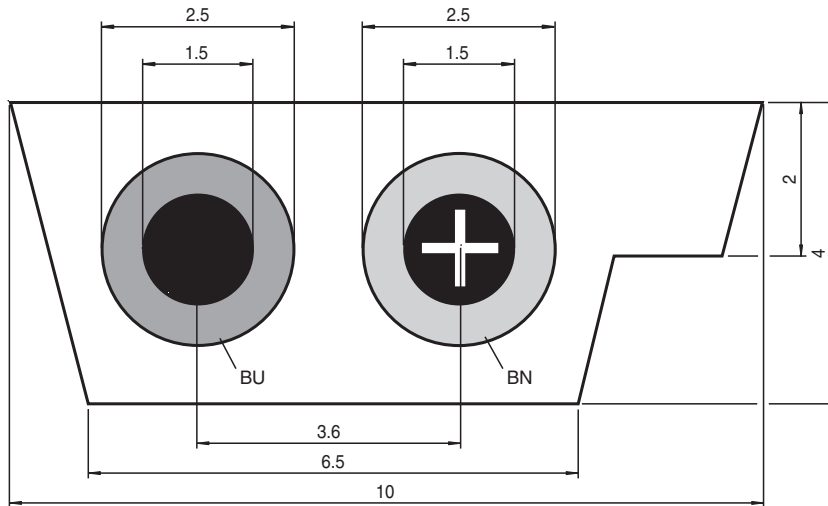
VAZ-FK-PUR-BK-SUP-500M

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

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



Dimensions



Technical Data

General specifications	
UL File Number	E310133
Electrical specifications	
Nominal voltage	U_N 24 V
Current loading capacity	According to DIN VDE 0298 Part 4, Table 6, Column 4
Ambient conditions	
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 ²
Bending radius	min. 50 mm min. permissible bending radii according to DIN VDE 0298 Part 3, Table 2 Bending stress only permissible on the wide side of the cable
Tension loading	max. 50 N/mm ² on laying acc. to DIN VDE 0298 Part 3
Material	
Core insulation	Thermoplastic Elastomer (TPE)

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Technical Data

Cable	UL-Style 20549
Bending radius	> 60 mm
Sheath color	black (similar to RAL 9005)
Number of cores	2
Cores color	Core 1: brown Core 2: blue
Drag chain suitability	
Drag chain cycles	min. 10000000
Motion velocity	max. 4 m/s
Traverse distance	10 m
Acceleration	max. 4 m/s ²
Torsion cycles	min. 10 mio
Torsional stress	± 180 °/0.5 m
Cable length	500 m
Flammability	
Cable	Flame-retardant as per IEC 60332-1-2
Note	General weather resistance: Ozone and UV resistant

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.