



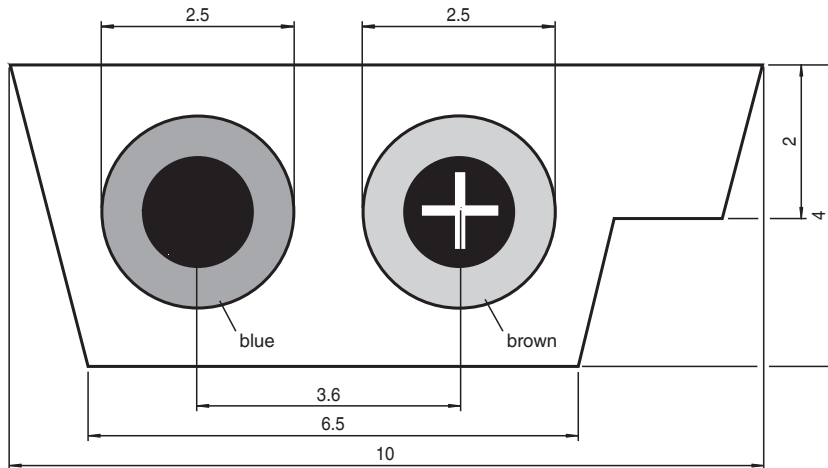
# AS-Interface flat cable VAZ-FK-R-BK

- 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
- Does not give off silicone
- Graduations in meters

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



## Dimensions



## Technical Data

<b>General specifications</b>	
UL File Number	E130266
<b>Electrical specifications</b>	
Nominal voltage	24 V
Current loading capacity	According to DIN VDE 0298 Part 4, Table 6, Column 4
<b>Ambient conditions</b>	
Conductor temperature	Operating mode: 90 °C (363 K) Short-circuit: 200 °C (473 K)
Ambient temperature	-40 ... 105 °C (-40 ... 221 °F) at standstill, -30 ... 105 °C (-22 ... 221 °F) in motion
<b>Mechanical specifications</b>	
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)
Core insulation	Thermoplastic Elastomer (TPE)
Cable	UL-Style 2103


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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

## Technical Data

Color	black (similar to RAL 9005)
Drag chain suitability	
Drag chain cycles	min. 10000000
Motion velocity	max. 4 m/s
Traverse distance	10 m
Acceleration	max. 4 m/s <sup>2</sup>
Cable length	100 m
Flammability	
Cable	Flame-retardant as per IEC 60332-1-2 and UL 1581, Sec. 1061

## Accessories

	<b>VAZ-FK-ED3</b>	AS-Interface end seal for flat cable
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