



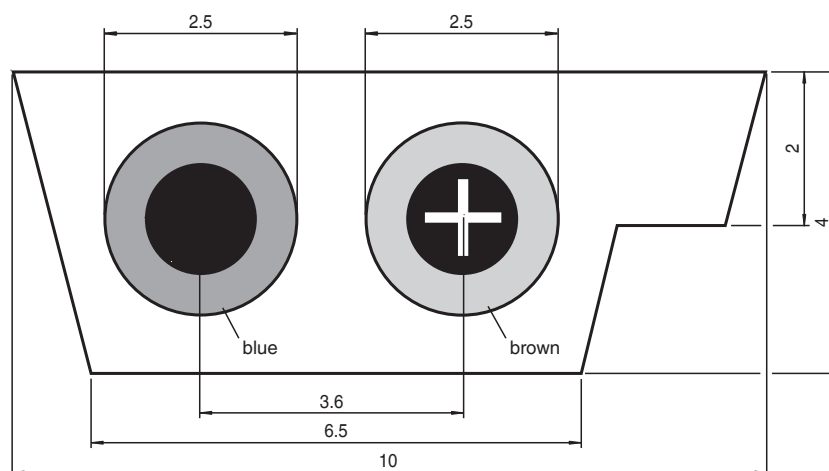
AS-Interface flat cable VAZ-FK-R-YE

- 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



Dimensions



Technical Data

General specifications

UL File Number	E130266
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Electrical specifications

Nominal voltage	30.5 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 ... 105 °C (-40 ... 221 °F) at standstill, -30 ... 105 °C (-22 ... 221 °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 ²
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 ² 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".

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 **PEPPERL+FUCHS**

Technical Data

Color	yellow (similar to RAL 1012)	
Drag chain suitability		
Drag chain cycles		min. 10000000
Motion velocity		max. 4 m/s
Traverse distance		10 m
Acceleration		max. 4 m/s ²
Cable length		100 m
Flammability		
Cable	Flame-retardant as per IEC 60332-1-2 and UL 1581, Sec. 1061	
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.	

Accessories

	VAZ-FK-ED3	AS-Interface end seal for flat cable
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