

# SAC-4P-500,0-180/0,34 - Sensor/actuator cable



1419218

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Sensor/actuator cable, 4-wire, unshielded, PUR, halogen-free, orange outer sheath, 4 x 0.34 mm<sup>2</sup>, length: 500 m

## Commercial data

Item number	1419218
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF11
Product key	BF1LBA
GTIN	4055626159027
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85444995
Country of origin	DE

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## Technical data


### Product properties

Product type	Cable by the meter
Number of positions	4

### Cable/line

Cable length	500 m
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### PUR halogen-free orange [180]

Dimensional drawing	
Cable weight	30 kg/km
UL AWM Style	20549
Number of positions	4
Shielded	no
Cable type	PUR halogen-free orange [180]
Conductor structure signal line	42x 0.10 mm
AWG signal line	22
Conductor cross section	4x 0.34 mm <sup>2</sup> (Signal line)
Wire diameter incl. insulation	1.27 mm ±0.02 mm (Signal line)
External cable diameter	4.7 mm ±0.15 mm
Outer sheath, material	PUR
External sheath, color	orange RAL 2003
Conductor material	Bare Cu litz wires
Material wire insulation	PP
Single wire, color	brown, white, blue, black
Thickness, insulation	≥ 0.21 mm (Core insulation) approx. 0.8 mm (Outer cable sheath)
Overall twist	4 wires, twisted
Max. conductor resistance	max. 58 Ω/km (at 20 °C)
Insulation resistance	≥ 1 GΩ*km (at 20 °C)
Nominal voltage, cable	≤ 300 V
Test voltage	≥ 3000 V
Max. bending cycles	4000000
Halogen-free	in accordance with DIN VDE 0472 part 815 in accordance with DIN EN 50267-2-1

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Flame resistance	in accordance with UL 758/1581 FT2
Resistance to oil	in accordance with DIN EN 60811-2-1
Other resistance	Resistant to salt water hydrolysis and microbe resistant
Special properties	Free of substances which would hinder coating with paint or varnish
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation) -25 °C ... 80 °C (Cable, flexible installation)

## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation) -25 °C ... 80 °C (Cable, flexible installation)
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## Classifications

### ECLASS

ECLASS-11.0

27061801

### ETIM

ETIM 8.0

EC003249

### UNSPSC

UNSPSC 21.0

26121600

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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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