

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



1419218

<https://www.phoenixcontact.com/us/products/1419218>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Sensor/actuator cable, 4-wire, unshielded, PUR, halogen-free, orange outer sheath, 4 x 0.34 mm², 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

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



1419218

<https://www.phoenixcontact.com/us/products/1419218>

Technical data

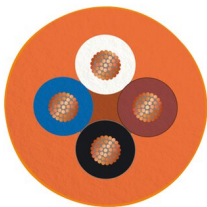
Product properties

Product type	Cable by the meter
Number of positions	4

Cable/line

Cable length	500 m
--------------	-------

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 ² (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

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



1419218

<https://www.phoenixcontact.com/us/products/1419218>

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)

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



1419218

<https://www.phoenixcontact.com/us/products/1419218>

Classifications

ECLASS

ECLASS-11.0	27061801
ECLASS-13.0	27061801

ETIM

ETIM 8.0	EC003249
----------	----------

UNSPSC

UNSPSC 21.0	26121600
-------------	----------

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



1419218

<https://www.phoenixcontact.com/us/products/1419218>

Environmental product compliance

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

Phoenix Contact 2023 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com