

# SAC-4P-100,0-180/0,25 - Cable reel



1501812

<https://www.phoenixcontact.com/us/products/1501812>

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By the meter, Cable reel, PUR halogen-free, orange RAL 2003, 4-wire, color single wire: brown, white, blue, black, cable length: 100 m



## Commercial data

Item number	1501812
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF11
Product key	AF1LBA
GTIN	4017918813949
Weight per piece (including packing)	3.47 g
Weight per piece (excluding packing)	3.47 g
Customs tariff number	85444995
Country of origin	DE

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## Technical data

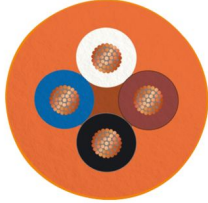
### Product properties

Product type	Cable by the meter
Number of positions	4

### Cable/line

Cable length	100 m
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### PUR halogen-free orange [180]

Dimensional drawing	
Cable weight	25 kg/km
UL AWM Style	20549
Number of positions	4
Shielded	no
Cable type	PUR halogen-free orange [180]
Conductor structure signal line	32x 0.10 mm
AWG signal line	24
Conductor cross-section	4x 0.25 mm <sup>2</sup> (Signal line)
Wire diameter incl. insulation	1.17 mm ±0.02 mm (Signal line)
External cable diameter	4.40 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) 0.75 mm (Outer cable sheath)
Overall twist	4 wires, twisted
Max. conductor resistance	max. 78 Ω/km (at 20 °C)
Insulation resistance	≥ 10 GΩ*km (at 20 °C)
Nominal voltage, cable	≤ 300 V
Test voltage	≥ 3000 V
Smallest bending radius, fixed installation	22 mm
Dynamic load capacity (bending)	Max. bending cycles: 10000000
Dynamic load capacity (torsion)	Torsion: ±180 °/m, Torsion cycles: ≥5000000, Torsional frequency: 35 cycles/min.

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Halogen-free	in accordance with DIN VDE 0472 part 815
Flame resistance	in accordance with DIN UL-Style 20549
Ambient temperature (operation)	-25 °C ... 80 °C (Cable)

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## Classifications

### ECLASS

ECLASS-13.0	27061801
ECLASS-15.0	27061801

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## Environmental product compliance

EU REACH SVHC

REACH candidate substance (CAS No.)	
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	No substance above 0.1 wt%
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