

# SAC-5P-100,0-180/0,34+0,5 - Cable reel



1501799

<https://www.phoenixcontact.com/us/products/1501799>

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By the meter, Cable reel, PUR halogen-free, orange RAL 2003, 5-wire, color single wire: brown, white, blue, black, green-yellow, cable length: 100 m



## Commercial data

Item number	1501799
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	NULL
Product key	AF1LBA
GTIN	4017918813505
Weight per piece (including packing)	3,534.9 g
Weight per piece (excluding packing)	3,534.9 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	5

### Cable/line

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

Cable weight	42 kg/km
Number of positions	5
Shielded	no
Cable type	PUR halogen-free orange [180]
Conductor structure signal line	42x 0.10 mm
AWG signal line	22
Conductor structure, voltage supply	28x 0.15 mm
AWG power supply	20
Conductor cross-section	0.34 mm <sup>2</sup>
Wire diameter incl. insulation	1.55 mm ±0.05 mm (Signal line) 1.65 mm ±0.05 mm (Power supply)
External cable diameter	5.2 mm
Outer sheath, material	PUR
External sheath, color	orange RAL 2003
Conductor material	Bare Cu litz wires
Material, filler	Fiberglass
Material wire insulation	TPE
Single wire, color	brown, white, blue, black, green-yellow
Thickness, insulation	0.39 mm (Conductor insulation, signal line) 0.37 mm (Conductor insulation, voltage supply) 0.65 mm (Outer cable sheath)
Max. conductor resistance	57.5 Ω/km (Signal line) 39 Ω/km (Power supply)
Test voltage	2500 V
Smallest bending radius, fixed installation	52 mm
Smallest bending radius, movable installation	78 mm
Dynamic load capacity (bending)	Max. bending cycles: 4000000, Bending radius: 78 mm, Traversing path: 10 m, Traversing rate: 3 m/s, Acceleration: 10 m/s <sup>2</sup> Max. bending cycles: 4000000, Bending radius: 78 mm, Traversing path: 10 m, Traversing rate: 3 m/s, Acceleration: 10 m/s <sup>2</sup>
Ambient temperature (operation)	-25 °C ... 105 °C (cable, fixed installation) -5 °C ... 105 °C (Cable, flexible installation)

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## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-25 °C ... 105 °C (cable, fixed installation)
	-5 °C ... 105 °C (Cable, flexible installation)

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## Classifications

### ECLASS

ECLASS-13.0	27061801
ECLASS-15.0	27061801

### ETIM

ETIM 10.0	EC003249
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### UNSPSC

UNSPSC 21.0	26121600
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)