

# SAC-3P-100,0-PVC/0,25 - Cable reel

1501854

<https://www.phoenixcontact.com/us/products/1501854>



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By the meter, Cable reel, PVC, black RAL 9005, 3-wire, color single wire: brown, blue, black, cable length: 100 m



## Commercial data

Item number	1501854
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF11
Product key	AF1LBA
GTIN	4017918813987
Weight per piece (including packing)	2,440.96 g
Weight per piece (excluding packing)	2,170.96 g
Customs tariff number	85444995
Country of origin	DE

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## Technical data

### Product properties

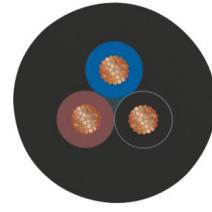
Product type	Cable by the meter
Application	Connector
Number of positions	3
Shielded	no

### Cable/line

Cable length	100 m
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PVC black [PVC]

Dimensional drawing



Cable weight	29 kg/km
Number of positions	3
Shielded	no
Cable type	PVC black [PVC]
Conductor structure signal line	32x 0.10 mm
AWG signal line	24
Conductor cross section	3x 0.25 mm <sup>2</sup> (Signal line)
Wire diameter incl. insulation	1.25 mm ±0.02 mm
External cable diameter	4.40 mm ±0.15 mm
Outer sheath, material	PVC
External sheath, color	black RAL 9005
Conductor material	Bare Cu litz wires
Material wire insulation	PVC
Single wire, color	brown, blue, black
Thickness, insulation	≥ 0.23 mm (Core insulation)
Thickness, outer sheath	≥ 0.76 mm
Overall twist	3 wires, twisted
Max. conductor resistance	max. 78 Ω/km (at 20 °C)
Insulation resistance	≥ 100 MΩ*km (at 20 °C)
Nominal voltage, cable	≥ 300 V
Test voltage	≤ 3000 V
Flame resistance	As per UL-Style 2464
Ambient temperature (operation)	-25 °C ... 80 °C (cable, fixed installation)

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-5 °C ... 80 °C (Cable, flexible installation)

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## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1501854>



**EAC-RoHS**

Approval ID: RU D-DE.HB35.B.00371

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## Classifications

### ECLASS

ECLASS-13.0	27061801
ECLASS-15.0	27061801

### ETIM

ETIM 9.0	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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### EF3.0 Climate Change

CO2e kg	18.263 kg CO2e
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