

# SAC-4P-100,0-PUR/0,5 - Cable reel



1413871

<https://www.phoenixcontact.com/us/products/1413871>

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By the meter, Cable reel, PUR halogen-free, black-gray RAL 7021, 4-wire, color single wire: black 1, black 2, black 3, green/yellow, cable length: 100 m

## Commercial data

Item number	1413871
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	AF1LBA
GTIN	4055626009759
Weight per piece (including packing)	3,488 g
Weight per piece (excluding packing)	3,488 g
Country of origin	DE

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## Technical data

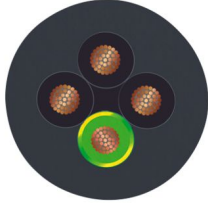
### Product properties

Product type	Cable by the meter
Number of positions	4

### Cable/line

Cable length	100 m
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### PUR halogen-free black [PUR]

Dimensional drawing	
UL AWM Style	20549
Number of positions	4
Shielded	no
Cable type	PUR halogen-free black [PUR]
Conductor structure signal line	28x 0.15 mm
AWG signal line	20
Conductor cross-section	4x 0.5 mm <sup>2</sup>
Wire diameter incl. insulation	1.5 mm ±0.05 mm (Signal line)
External cable diameter	4.90 mm ±0.2 mm
Outer sheath, material	PUR
External sheath, color	black-gray RAL 7021
Conductor material	Bare Cu litz wires
Material wire insulation	PP
Single wire, color	black 1, black 2, black 3, green/yellow
Overall twist	4 wires, twisted
Max. conductor resistance	39 Ω/km (at 20 °C)
Insulation resistance	min. 20 MΩ*km
Nominal voltage, cable	300 V
Test voltage	1200 V
Smallest bending radius, fixed installation	25 mm
Smallest bending radius, movable installation	50 mm
Dynamic load capacity (bending)	Max. bending cycles: 15000000, Bending radius: 50 mm, Traversing path: 0.9 m, Traversing rate: 5 m/s, Acceleration: 30 m/s <sup>2</sup>
Flame resistance	according to DIN VDE 0482 According to DIN EN 50265-2-1

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Other resistance	largely oil-resistant
	partly UV-resistant (in accordance with DIN EN ISO 4892-2-A)
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-20 °C ... 80 °C (Cable, flexible installation)

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## Classifications

### ECLASS

ECLASS-13.0	27061801
ECLASS-15.0	27061801

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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-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

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