

# SAC-4P-100,0-100/0,34 SH - Cable reel



1405522

<https://www.phoenixcontact.com/us/products/1405522>

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By the meter, Cable reel, shielded, PUR/PVC, gray RAL 7001, 4-wire, color single wire: brown, white, blue, black, cable length: 100 m

## Commercial data

Item number	1405522
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	AF1LBA
GTIN	4046356747622
Weight per piece (including packing)	5,205 g
Weight per piece (excluding packing)	5,205 g
Country of origin	DE

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## Technical data

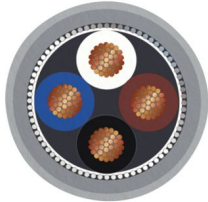
### Product properties

Product type	Cable by the meter
Application	Connector
Number of positions	4

### Cable/line

Cable length	100 m
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PUR/PVC shielded, gray [100]

Dimensional drawing	
Cable weight	50 kg/km
Number of positions	4
Shielded	yes
Cable type	PUR/PVC shielded, gray [100]
Conductor structure signal line	42x 0.10 mm
AWG signal line	22
Conductor cross-section	0.34 mm <sup>2</sup>
Wire diameter incl. insulation	1.52 mm ±0.02 mm
External cable diameter	5.9 mm 5.90 mm
Outer sheath, material	PUR
External sheath, color	gray RAL 7001
Conductor material	Bare Cu litz wires
Material wire insulation	PVC
Single wire, color	brown, white, blue, black
Thickness, insulation	≥ 0.23 mm (Core insulation) ≥ 0.38 mm (Outer cable sheath) approx. 0.25 mm (Inner sheath)
Overall twist	4 wires, twisted
Optical shield covering	85 %
Max. conductor resistance	max. 57.3 Ω/km
Insulation resistance	≥ 100 MΩ*km
Nominal voltage, cable	300 V
Test voltage	2500 V

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Smallest bending radius, fixed installation	59 mm
Smallest bending radius, movable installation	59 mm
Dynamic load capacity (bending)	Max. bending cycles: 2000000, Bending radius: 59 mm, Traversing path: 5 m, Traversing rate: 3 m/s
Ambient temperature (operation)	-25 °C ... 80 °C (cable, fixed installation)
	-5 °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

### 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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