

# SAC-5P-100,0-116/0,75 - Cable reel



1457429

<https://www.phoenixcontact.com/us/products/1457429>

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By the meter, Cable reel, PUR/PVC, black RAL 9005, 5-wire, color single wire: black 1, black 2, black 3, black 4, green/yellow, cable length: 100 m



## Commercial data

Item number	1457429
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF11
Product key	AF1LBA
GTIN	4046356617550
Weight per piece (including packing)	7,306 g
Weight per piece (excluding packing)	7,306 g
Customs tariff number	85444290
Country of origin	PL

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## Technical data


### Product properties

Product type	Cable by the meter
Application	Valve connector
Number of positions	5
Shielded	no

### Cable/line

Cable length	100 m
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PUR/PVC, 0.75 mm<sup>2</sup>, black [116]

Dimensional drawing	
Cable weight	86.8 kg/km
UL AWM Style	20549
Number of positions	5
Shielded	no
Cable type	PUR/PVC, 0.75 mm <sup>2</sup> , black [116]
Conductor structure signal line	24x 0.20 mm
AWG signal line	18
Conductor cross-section	5x 0.75 mm <sup>2</sup> (Signal line)
Wire diameter incl. insulation	1.7 mm ±0.05 mm
External cable diameter	6.90 mm ±0.2 mm
Outer sheath, material	PUR
External sheath, color	black RAL 9005
Conductor material	Bare Cu litz wires
Material wire insulation	PVC
Single wire, color	black 1, black 2, black 3, black 4, green/yellow
Overall twist	5 cores, twisted
Max. conductor resistance	26 Ω/km (at 20 °C)
Insulation resistance	≥ 20 MΩ*km
Nominal voltage, cable	300 V
Test voltage	1200 V
Minimum bending radius, fixed installation	5 x D
Minimum bending radius, flexible installation	10 x D
Smallest bending radius, fixed installation	35 mm

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Smallest bending radius, movable installation	69 mm
Dynamic load capacity (bending)	Max. bending cycles: 1000000, Bending radius: 69 mm, Traversing rate: 2 m/s, Acceleration: 2.5 m/s <sup>2</sup>
Flame resistance	DIN VDE 0482
	DIN EN 50265-2-1
	in acc. with UL FT-2
Special properties	Free of substances which would hinder coating with paint or varnish
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-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/1457429>



**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 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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### EF3.1 Climate Change

CO2e kg	330.127 kg CO2e
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