

# Cable reel - SAC-5P-100,0-PUR/0,5 - 1457403

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By the meter, Cable reel, PUR halogen-free, black-gray RAL 7021, 5-wire, color single wire: Black 1, black 2, black 3, black 4, green/yellow, cable length: 100 m



## Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356617536

## Technical data

### Dimensions

Length of cable	100 m
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### General

Number of positions	5
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### Cable

Cable type	PUR halogen-free black
Cable type (abbreviation)	PUR
Cable abbreviation	Li9Y11Y-HF
UL AWM style	20549
Conductor cross section	5x 0.5 mm <sup>2</sup>
AWG signal line	20
Conductor structure signal line	28x 0.15 mm
Core diameter including insulation	1.5 mm ±0.05 mm (Signal line)
Wire colors	Black 1, black 2, black 3, black 4, green/yellow
Overall twist	5 cores, twisted
External sheath, color	black-gray RAL 7021
External cable diameter D	5.3 mm ±0.02 mm
Smallest bending radius, fixed installation	26.5 mm

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## Technical data

### Cable

Smallest bending radius, movable installation	53 mm
Number of bending cycles	15000000
Bending radius	50 mm
Traversing path	0.9 m
Traversing rate	5 m/s
Acceleration	30 m/s <sup>2</sup>
Outer sheath, material	PUR
Material conductor insulation	PP
Conductor material	Bare Cu litz wires
Insulation resistance	min. 20 MΩ*km
Conductor resistance	39 Ω/km (at 20 °C)
Nominal voltage, cable	≤ 300 V
Test voltage, cable	≥ 1200 V
Special properties	Flexible cable conduit capable
	Silicone-free
	Free of substances which would hinder coating with paint or varnish
Flame resistance	in accordance with DIN UL-Style 20549
Halogen-free	in accordance with DIN VDE 0472 part 815
Resistance to oil	in accordance with DIN EN 60811-2-1
Other resistance	Highly resistant to acids, alkaline solutions and solvents
	hydrolysis and microbe resistant
	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)

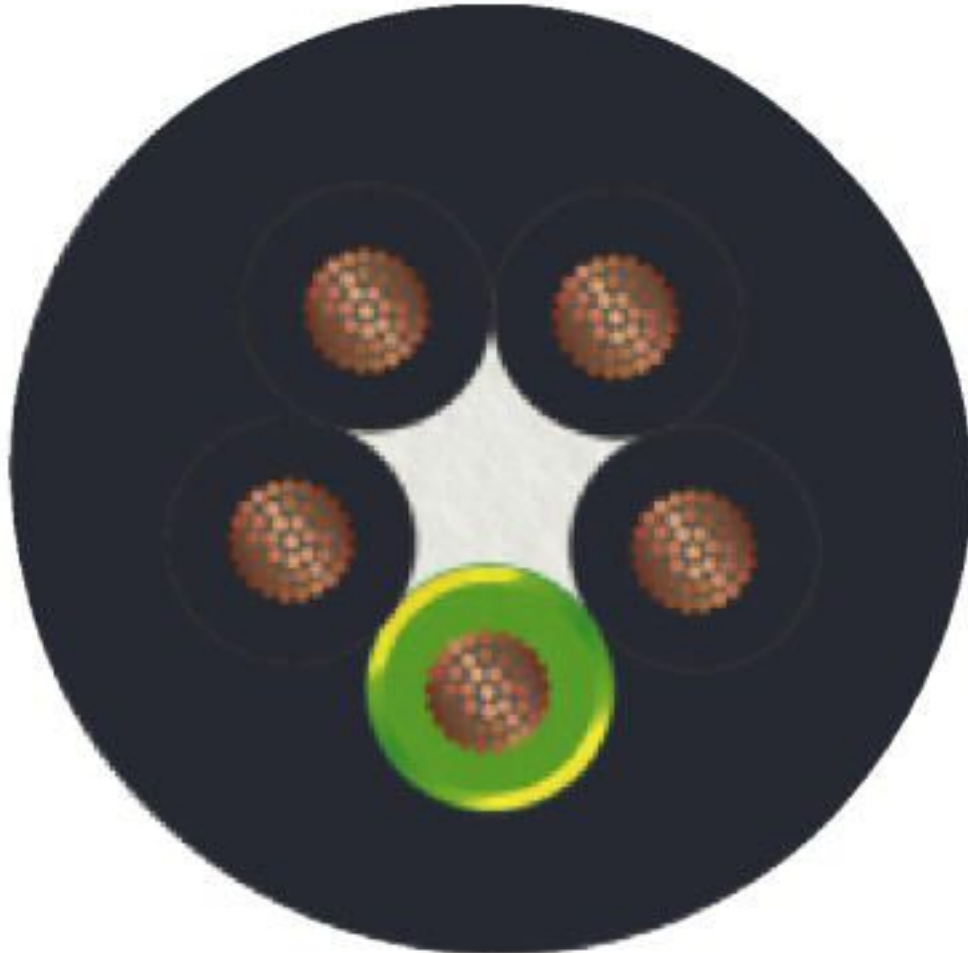
### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

### Drawings

## Cable reel - SAC-5P-100,0-PUR/0,5 - 1457403

Cable cross section



PUR halogen-free black [PUR]

### Classifications

eCl@ss

eCl@ss 10.0.1	27060106
eCl@ss 4.0	27060300
eCl@ss 4.1	27060300
eCl@ss 5.0	27061800
eCl@ss 5.1	27061800
eCl@ss 6.0	27062000
eCl@ss 7.0	27062011
eCl@ss 8.0	27062011
eCl@ss 9.0	27062011

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## Classifications

### ETIM

ETIM 4.0	EC001855
ETIM 5.0	EC001578
ETIM 6.0	EC001578
ETIM 7.0	EC003250

### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501
UNSPSC 18.0	39121465
UNSPSC 19.0	39121465
UNSPSC 20.0	39121465
UNSPSC 21.0	39121465

## Approvals

### Approvals

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Approvals


EAC-RoHS

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Ex Approvals

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### Approval details

EAC-RoHS		RU D- DE.HB35.B.00371
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## Accessories

Accessories

Stripping tool

## Cable reel - SAC-5P-100,0-PUR/0,5 - 1457403

### Accessories

Stripping tool - WIREFOX SAC - 1212623



Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from Ø of 4.4 to 7 mm, any stripping length

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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