

# SAC-3P-100,0-PUR/0,34 - Cable reel



1501650

<https://www.phoenixcontact.com/us/products/1501650>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

By the meter, Cable reel, PUR halogen-free, black-gray RAL 7021, 3-wire, color single wire: brown, blue, black, cable length: 100 m



## Commercial data

Item number	1501650
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF11
Product key	BF1LBA
Catalog page	Page 302 (C-2-2019)
GTIN	4017918814045
Weight per piece (including packing)	2,080 g
Weight per piece (excluding packing)	2,080 g
Customs tariff number	85444995
Country of origin	DE

# SAC-3P-100,0-PUR/0,34 - Cable reel

1501650

<https://www.phoenixcontact.com/us/products/1501650>

## Technical data

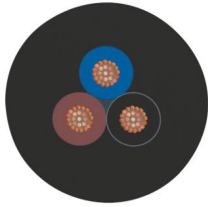
### Product properties

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

### Cable/line

Cable length	100 m
--------------	-------

### PUR halogen-free black [PUR]

Dimensional drawing	
Cable weight	23 kg/km
UL AWM Style	20549
Number of positions	3
Shielded	no
Cable type	PUR halogen-free black [PUR]
Conductor structure signal line	42x 0.10 mm
AWG signal line	22
Conductor cross section	3x 0.34 mm <sup>2</sup> (Signal line)
Wire diameter incl. insulation	1.27 mm ±0.02 mm (Signal line)
External cable diameter	3.85 mm ±0.15 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	brown, blue, black
Thickness, insulation	≥ 0.21 mm (Core insulation) approx. 0.50 mm (Outer cable sheath)
Overall twist	3 wires, twisted
Max. conductor resistance	max. 58 Ω/km (at 20 °C)
Insulation resistance	≥ 100 GΩ*km (at 20 °C)
Nominal voltage, cable	≤ 300 V
Test voltage	≥ 3000 V
Smallest bending radius, fixed installation	19 mm

# SAC-3P-100,0-PUR/0,34 - Cable reel



1501650

<https://www.phoenixcontact.com/us/products/1501650>

Smallest bending radius, movable installation	38 mm
Max. bending cycles	10000000
Halogen-free	in accordance with DIN VDE 0472 part 815
Flame resistance	in accordance with UL 758/1581 FT2 DIN EN 60332-2-2 (20 s)
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 partly UV-resistant (in accordance with DIN EN ISO 4892-2-A)
Special properties	Flexible cable conduit capable Silicone-free Free of substances which would hinder coating with paint or varnish
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation) -25 °C ... 80 °C (Cable, flexible installation)

# SAC-3P-100,0-PUR/0,34 - Cable reel



1501650

<https://www.phoenixcontact.com/us/products/1501650>

## Classifications

### ECLASS

ECLASS-11.0	27061801
ECLASS-12.0	27061801
ECLASS-13.0	27061801

### ETIM

ETIM 9.0	EC003249
----------	----------

### UNSPSC

UNSPSC 21.0	26121600
-------------	----------

# SAC-3P-100,0-PUR/0,34 - Cable reel



1501650

<https://www.phoenixcontact.com/us/products/1501650>

## Environmental product compliance

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

Phoenix Contact 2024 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)