

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



1501715

<https://www.phoenixcontact.com/au/products/1501715>

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, shielded, PUR halogen-free, black-gray RAL 7021, 4-wire, color single wire: brown, white, blue, black, cable length: 100 m



Commercial data

Item number	1501715
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AF1LBA
Product key	AF1LBA
Catalog page	Page 303 (C-2-2019)
GTIN	4017918813420
Weight per piece (including packing)	3,776.1 g
Weight per piece (excluding packing)	3,000.8 g
Customs tariff number	85444995
Country of origin	DE

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

1501715

<https://www.phoenixcontact.com/au/products/1501715>

Technical data

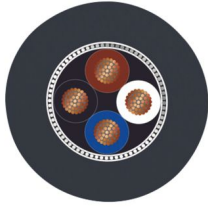
Product properties

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

Cable/line

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

PUR halogen-free black [PUR]

Dimensional drawing	
Cable weight	36 kg/km
UL AWM Style	20549 / 10493 (80°C/300 V)
Number of positions	4
Shielded	yes
Cable type	PUR halogen-free black [PUR]
Conductor structure signal line	42x 0.10 mm
AWG signal line	22
Conductor cross section	4x 0.34 mm ² (Signal line)
Wire diameter incl. insulation	1.27 mm ±0.02 mm (Signal line)
External cable diameter	4.95 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	brown, white, blue, black
Thickness, insulation	≥ 0.21 mm
Thickness, outer sheath	approx. 0.50 mm
Overall twist	4 wires, twisted
Optical shield covering	80 %
Max. conductor resistance	max. 58 Ω/km (at 20 °C)
Insulation resistance	≥ 100 GΩ*km (at 20 °C)
Wave impedance	≥ 62 Ω (f = 10 MHz)
Cable capacity	≤ 80 pF/m (Conductor-Conductor)

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



1501715

<https://www.phoenixcontact.com/au/products/1501715>

	≤ 135 pF/m (Wire/shield)
Nominal voltage, cable	≤ 300 V
Test voltage	≥ 3000 V
Minimum bending radius, fixed installation	5 x D
Minimum bending radius, flexible installation	10 x D
Smallest bending radius, fixed installation	25 mm
Smallest bending radius, movable installation	50 mm
Dynamic load capacity (bending)	Max. bending cycles: 10000000, Bending radius: 10 x D, Traversing path: 10 m, Traversing rate: 3 m/s, Acceleration: 10 m/s ²
Dynamic load capacity (torsion)	Torsion: ±180 °/m, Torsion cycles: ≥2000000, Torsional frequency: 35 cycles/min.
Halogen-free	in accordance with DIN VDE 0472 part 815
	in accordance with DIN EN 50267-2-1
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
	Resistant to salt water
	partly UV-resistant (in accordance with DIN EN ISO 4892-2-A)
	abrasion-resistant
Special properties	Flexible cable conduit capable
	Silicone-free
	Free of substances which would hinder coating with paint or varnish
	Low adhesion surface
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-25 °C ... 80 °C (Cable, flexible installation)

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



1501715

<https://www.phoenixcontact.com/au/products/1501715>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/au/products/1501715>



EAC-RoHS

Approval ID: RU D-DE.HB35.B.00371

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



1501715

<https://www.phoenixcontact.com/au/products/1501715>

Classifications

ECLASS

ECLASS-13.0

27061801

ETIM

ETIM 9.0

EC003249

UNSPSC

UNSPSC 21.0

26121600

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



1501715

<https://www.phoenixcontact.com/au/products/1501715>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

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%
-------------------------------------	----------------------------

EF3.0 Climate Change

CO2e kg	82.445 kg CO2e
---------	----------------

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT PTY Ltd
Unit 7, 2-8 South Street
Rydalmere NSW 2116
1300 786 411
customerservice@phoenixcontact.com.au