

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



1457403

<https://www.phoenixcontact.com/us/products/1457403>

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, 5-wire, color single wire: black 1, black 2, black 3, black 4, green/yellow, cable length: 100 m



Commercial data

Item number	1457403
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF11
Product key	AF1LBA
GTIN	4046356617536
Weight per piece (including packing)	4,445 g
Weight per piece (excluding packing)	3,984 g
Customs tariff number	85444995
Country of origin	DE

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

1457403

<https://www.phoenixcontact.com/us/products/1457403>

Technical data

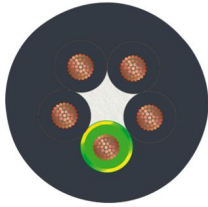
Product properties

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

Cable/line

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

PUR halogen-free black [PUR]

Dimensional drawing	
Cable weight	44.8 kg/km
UL AWM Style	20549
Number of positions	5
Shielded	no
Cable type	PUR halogen-free black [PUR]
Conductor structure signal line	28x 0.15 mm
AWG signal line	20
Conductor cross-section	5x 0.5 mm ²
Wire diameter incl. insulation	1.5 mm ±0.05 mm (Signal line)
External cable diameter	5.30 mm ±0.02 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	black 1, black 2, black 3, black 4, green/yellow
Overall twist	5 cores, twisted
Max. conductor resistance	39 Ω/km (at 20 °C)
Insulation resistance	min. 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	26.5 mm

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



1457403

<https://www.phoenixcontact.com/us/products/1457403>

Smallest bending radius, movable installation	53 mm
Dynamic load capacity (bending)	Max. bending cycles: 15000000, Bending radius: 50 mm, Traversing path: 0.9 m, Traversing rate: 5 m/s, Acceleration: 30 m/s ²
Halogen-free	in accordance with DIN VDE 0472 part 815
Flame resistance	in accordance with DIN UL-Style 20549
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)
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) -20 °C ... 80 °C (Cable, flexible installation)

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



1457403

<https://www.phoenixcontact.com/us/products/1457403>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1457403>



EAC-RoHS

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

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



1457403

<https://www.phoenixcontact.com/us/products/1457403>

Classifications

ECLASS

ECLASS-13.0	27061801
ECLASS-15.0	27061801

ETIM

ETIM 10.0	EC003249
-----------	----------

UNSPSC

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

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



1457403

<https://www.phoenixcontact.com/us/products/1457403>

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

EF3.1 Climate Change

CO2e kg	14.518 kg CO2e
---------	----------------

Phoenix Contact 2026 © - 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