

SAC-4P-100,0-PUR/0,25 - Sensor/actuator cable



1501692

<https://www.phoenixcontact.com/us/products/1501692>

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



Commercial data

Item number	1501692
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF11
Product key	AF1LBA
GTIN	4017918813390
Weight per piece (including packing)	2,131 g
Weight per piece (excluding packing)	1,788.4 g
Customs tariff number	85444995
Country of origin	DE

SAC-4P-100,0-PUR/0,25 - Sensor/actuator cable

1501692

<https://www.phoenixcontact.com/us/products/1501692>

Technical data

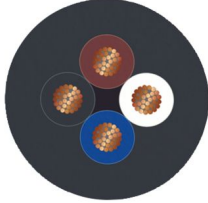
Product properties

Product type	Cable by the meter
Application	Connector
Number of positions	4
Shielded	no

Cable/line

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

PUR halogen-free black [PUR]

Dimensional drawing	
Cable weight	23 kg/km
UL AWM Style	20549 / 10493 (80°C/300 V)
Number of positions	4
Shielded	no
Cable type	PUR halogen-free black [PUR]
Conductor structure signal line	32x 0.10 mm
AWG signal line	24
Conductor cross-section	4x 0.25 mm ² (Signal line)
Wire diameter incl. insulation	1.17 mm ±0.02 mm (Signal line)
External cable diameter	3.95 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, white, blue, black
Thickness, insulation	≥ 0.21 mm (Core insulation) approx. 0.50 mm (Outer cable sheath)
Overall twist	4 wires, twisted
Max. conductor resistance	max. 78 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	20 mm

SAC-4P-100,0-PUR/0,25 - Sensor/actuator cable



1501692

<https://www.phoenixcontact.com/us/products/1501692>

Smallest bending radius, movable installation	40 mm
Dynamic load capacity (bending)	Max. bending cycles: 10000000, Bending radius: 44 mm, Traversing path: 10 m, Traversing rate: 3 m/s, Acceleration: 5 m/s ²
Dynamic load capacity (torsion)	Torsion: ± 180 °/m, Torsion cycles: ≥ 5000000 , Torsional frequency: 35 cycles/min.
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-4P-100,0-PUR/0,25 - Sensor/actuator cable



1501692

<https://www.phoenixcontact.com/us/products/1501692>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1501692>



EAC-RoHS

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

SAC-4P-100,0-PUR/0,25 - Sensor/actuator cable



1501692

<https://www.phoenixcontact.com/us/products/1501692>

Classifications

ECLASS

ECLASS-13.0	27061801
ECLASS-15.0	27061801

ETIM

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

UNSPSC

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

SAC-4P-100,0-PUR/0,25 - Sensor/actuator cable



1501692

<https://www.phoenixcontact.com/us/products/1501692>

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	41.084 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