

SAC-8P-0,25-OE-OE-PUR-100,0 SH - Cable reel



1422095

<https://www.phoenixcontact.com/us/products/1422095>

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, 8-wire, color single wire: brown, white, green, yellow, gray, pink, blue, red, cable length: 100 m

Commercial data

Item number	1422095
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF16
Product key	AF1IIB
GTIN	4055626325477
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85444995
Country of origin	DE

SAC-8P-0,25-OE-OE-PUR-100,0 SH - Cable reel



1422095

<https://www.phoenixcontact.com/us/products/1422095>

Technical data

Product properties

Application	Connector
Number of positions	8

Electrical properties

Nominal voltage U_N	300 V
-----------------------	-------

Cable/line

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

PUR halogen-free black [PUR]

Dimensional drawing



Cable weight	53 kg/km
UL AWM Style	20549 / 10493 (80°C/300 V)
Number of positions	8
Shielded	yes
Cable type	PUR halogen-free black [PUR]
Conductor structure signal line	32x 0.10 mm
AWG signal line	24
Conductor cross-section	8x 0.25 mm ² (Signal line)
Wire diameter incl. insulation	1.17 mm ±0.02 mm
External cable diameter	5.90 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, green, yellow, gray, pink, blue, red
Thickness, insulation	approx. 0.20 mm
Thickness, outer sheath	approx. 0.50 mm
Overall twist	8 wires around filler to the core
Optical shield covering	85 %
Max. conductor resistance	≤ 78 Ω/km (at 20 °C)
Insulation resistance	≥ 1 GΩ*km (at 20 °C)
Nominal voltage, cable	≤ 300 V AC
Test voltage	≥ 3000 V AC (Spark test)

SAC-8P-0,25-OE-OE-PUR-100,0 SH - Cable reel



1422095

<https://www.phoenixcontact.com/us/products/1422095>

Test voltage Core/Shield	≥ 2000.00 V AC (for 60 s)
Minimum bending radius, fixed installation	5 x D
Minimum bending radius, flexible installation	10 x D
Smallest bending radius, fixed installation	30 mm
Smallest bending radius, movable installation	59 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: ≥5000000, Torsional frequency: 35 cycles/min.
Halogen-free	in accordance with DIN VDE 0472 part 815
	according to IEC 60754-1
Flame resistance	in acc. with UL FT-2
	according to UL 758/1581 (horizontal)
	in accordance with UL 758/1581 FT2
	According to DIN EN 60332-2-2 (20 s)
Resistance to oil	in accordance with IEC 60811-404
Other resistance	hydrolysis and microbe resistant
	Resistant to salt water
	low-abrasion
	partly UV-resistant (in accordance with DIN EN ISO 4892-2-A)
Special properties	Flexible cable conduit capable
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-25 °C ... 80 °C (Cable, flexible installation)

SAC-8P-0,25-OE-OE-PUR-100,0 SH - Cable reel



1422095

<https://www.phoenixcontact.com/us/products/1422095>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1422095>



cUL Recognized
Approval ID: FILE E 344675



UL Recognized
Approval ID: FILE E 344675

SAC-8P-0,25-OE-OE-PUR-100,0 SH - Cable reel



1422095

<https://www.phoenixcontact.com/us/products/1422095>

Classifications

ECLASS

ECLASS-15.0	27061801
ECLASS-13.0	27061801

SAC-8P-0,25-OE-OE-PUR-100,0 SH - Cable reel



1422095

<https://www.phoenixcontact.com/us/products/1422095>

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

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