

SAC-3P-0,25-OE-OE-PUR-300,0 SH - Cable reel



1422085

<https://www.phoenixcontact.com/us/products/1422085>

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, 3-wire, color single wire: brown, blue, black, cable length: 300 m

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1422085 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | BF16 |
| Product key | AF1IIB |
| GTIN | 4055626325385 |
| 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-3P-0,25-OE-OE-PUR-300,0 SH - Cable reel



1422085

<https://www.phoenixcontact.com/us/products/1422085>

Technical data

Product properties

| | |
|---------------------|--------------------|
| Product type | Cable by the meter |
| Application | Connector |
| Number of positions | 3 |

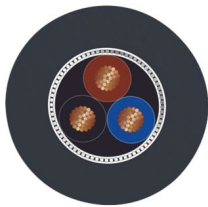
Electrical properties

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

Cable/line

| | |
|--------------|-------|
| Cable length | 300 m |
|--------------|-------|

PUR halogen-free black [PUR]

| | |
|---------------------------------|---|
| Dimensional drawing |  |
| Cable weight | 26 kg/km |
| UL AWM Style | 20549 |
| Number of positions | 3 |
| Shielded | yes |
| Cable type | PUR halogen-free black [PUR] |
| Conductor structure signal line | 32x 0.10 mm |
| AWG signal line | 24 |
| Conductor cross-section | 3x 0.25 mm ² (Signal line) |
| Wire diameter incl. insulation | 1.17 mm ±0.02 mm (Signal line) |
| External cable diameter | 4.35 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, blue, black |
| Thickness, insulation | ≥ 0.21 mm (Core insulation) ≥ 0.50 mm (Outer cable sheath) |
| Overall twist | 3 wires, twisted |
| Optical shield covering | 80 % |
| Max. conductor resistance | max. 79 Ω/km |
| Insulation resistance | ≥ 100 GΩ*km |
| Nominal voltage, cable | 300 V |

SAC-3P-0,25-OE-OE-PUR-300,0 SH - Cable reel



1422085

<https://www.phoenixcontact.com/us/products/1422085>

| | |
|---|--|
| Test voltage | 3000 V |
| Smallest bending radius, fixed installation | 22 mm |
| Smallest bending radius, movable installation | 44 mm |
| Dynamic load capacity (bending) | Max. bending cycles: 10000000, Bending radius: 50 mm, 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 |
| 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-0,25-OE-OE-PUR-300,0 SH - Cable reel



1422085

<https://www.phoenixcontact.com/us/products/1422085>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27061801 |
| ECLASS-15.0 | 27061801 |

SAC-3P-0,25-OE-OE-PUR-300,0 SH - Cable reel



1422085

<https://www.phoenixcontact.com/us/products/1422085>

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