


SAC-4P-100,0-PUR/0,34

Order No.: 1501663

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1501663>Cable ring, PUR halogen-free black, 4-pos., conductor colors: brown /
white / blue / black, cable length: 100 m**Commercial data**

| | |
|--------------------------|---|
| GTIN (EAN) |  4 017918 813352 |
| sales group | D111 |
| Pack | 1 pcs. |
| Customs tariff | 85444995 |
| Catalog page information | Page 198 (PC-2011) |

Product notesWEEE/RoHS-compliant since:
01/01/2003

[http://
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)
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Use apply to Internet downloads.

Technical data**General data**

| | |
|---------------------------------|--|
| Number of positions | 4 |
| Length of cable | 100 m |
| Ambient temperature (operation) | -40 °C ... 80 °C (cable, fixed installation) |

Conductor data

| | |
|---|---|
| Cable type | PUR halogen-free black |
| Cable type (abbreviation) | PUR |
| Cable abbreviation | Li9Y11Y-HF |
| UL AWM Style | 20549 |
| Conductor cross section | 0.34 mm ² |
| AWG signal line | 22 |
| Conductor structure signal line | 42x 0.10 mm |
| Core diameter including insulation | 1.27 mm ±0.02 mm |
| Thickness, insulation | ≥ 0.21 mm (Core insulation) |
| | ≥ 0.8 mm (Outer cable sheath) |
| External cable diameter | 4.7 mm ±0.15 mm |
| Wire colors | Black, brown, blue, white |
| External sheath, color | Black-gray RAL 7021 |
| Insulation resistance | ≥ 1 GΩ*km |
| Conductor resistance | max. 58 Ω/km (at 20°C) |
| Nominal voltage, conductor | ≤ 300 V |
| Test voltage, conductor | ≥ 3000 V |
| Overall twist | 4 wires, twisted |
| Length of twist, overall twist | 49.5 mm |
| Outer sheath, material | PUR |
| Material conductor insulation | PP |
| Conductor material | Bare Cu litz wires |
| Cable weight | 30 kg/km |
| Smallest bending radius, fixed installation | 23.5 mm |
| Smallest bending radius, movable installation | 47 mm |
| Number of bending cycles | 4000000 |
| Bending radius | 47 mm |
| Traversing path | 10 m |
| Traversing rate | 3 m/s |
| Acceleration | 10 m/s ² |
| Ambient temperature (operation) | -40 °C ... 80 °C (cable, fixed installation) |
| | -25 °C ... 80 °C (cable, flexible installation) |

| | |
|--------------------|---|
| Special properties | Flexible cable conduit capable |
| | Silicone-free |
| | Free of substances which would hinder coating with paint or varnish |
| | Flexible |
| Flame resistance | in accordance with DIN UL-Style 20549 |
| | in accordance with FT1 as per UL 758 |
| Halogen-free | in accordance with DIN VDE 0472 part 815 |
| | in accordance with DIN EN 50267-2-1 |
| 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 |

Certificates / Approvals



Certification

GOST

Accessories

| Item | Designation | Description |
|--------------|-------------|--|
| Tools | | |
| 1212623 | WIREFOX SAC | Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from Ø of 4.4 to 7 mm, any stripping length |

Address

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