

SAC-6P-100,0-PUR/SH-0,14

Order No.: 1550627

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1550627>

Cable ring, halogen-free PUR, black, 6-pos., shielded, conductor colors: Brown / white / blue / black / gray / pink, cable length: 100 m

Commercial data

| | |
|--------------------------|---|
| GTIN (EAN) |  4 046356 170437 |
| Note | Made-to-order |
| sales group | D131 |
| Pack | 1 pcs. |
| Customs tariff | 85444290 |
| Catalog page information | Page 198 (PC-2011) |

Product notes

WEEE/RoHS-compliant since:
11/10/2006



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Technical data**General data**

| | |
|---------------------------------|--|
| Number of positions | 6 |
| Length of cable | 100 m |
| Ambient temperature (operation) | -25 °C ... 90 °C (Male connector / female connector) |

Conductor data

| | |
|---|--|
| Cable type | PUR halogen-free black shielded |
| Cable abbreviation | Li9Y-V1-C-V1-11Y |
| Conductor cross section | 0.14 mm ² |
| AWG signal line | 26 |
| Conductor structure signal line | 18x 0.10 mm |
| Core diameter including insulation | 1.05 mm ±0.02 mm |
| Thickness, insulation | ≥ 0.21 mm (Core insulation) |
| | Approx. 0.6 mm (Outer cable sheath) |
| External cable diameter | 5.20 mm |
| Wire colors | Brown, white, black, blue, gray, pink |
| External sheath, color | Black-gray RAL 7021 |
| Insulation resistance | ≥ 100 GΩ*km |
| Conductor resistance | max. 139 Ω/km |
| Nominal voltage, conductor | ≤ 300 V |
| Test voltage, conductor | ≥ 3000 V |
| Overall twist | Six cores around the filler to the core |
| Shielding | Braided copper wires |
| Optical shield covering | 85 % |
| Outer sheath, material | PUR |
| Material, filler | PE |
| Material conductor insulation | PP |
| Conductor material | Bare Cu litz wires |
| Cable weight | 34 kg/km |
| Smallest bending radius, fixed installation | 52 mm |
| Smallest bending radius, movable installation | 52 mm |
| Number of bending cycles | 4000000 |
| Bending radius | 52 mm |
| Traversing path | 10 m |
| Traversing rate | 3 m/s |
| Acceleration | 10 m/s ² |
| Ambient temperature (operation) | -25 °C ... 80 °C (cable, fixed installation) |
| | -5 °C ... 80 °C (cable, flexible installation) |

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 |
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Address

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