

Cable reel - SAC-8P-100,0-PUR/SH-0,25 - 1550643


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Cable ring, halogen-free PUR, black, 8-pos., shielded, conductor colors: White / brown / green / yellow / gray / pink / blue / red, cable length: 100 m



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 046356 170451 |
| GTIN | 4046356170451 |

Technical data

Dimensions

| | |
|-----------------|-------|
| Length of cable | 100 m |
|-----------------|-------|

General

| | |
|---------------------|---|
| Number of positions | 8 |
|---------------------|---|

Cable

| | |
|------------------------------------|--|
| Cable type | PUR halogen-free black |
| Cable type (abbreviation) | PUR |
| Cable abbreviation | LiF9YC11Y |
| UL AWM style | 20549 / 10493 (80°C/300 V) |
| Conductor cross section | 8x 0.25 mm ² (Signal line) |
| AWG signal line | 24 |
| Conductor structure signal line | 32x 0.10 mm |
| Core diameter including insulation | 1.17 mm ±0.02 mm |
| Thickness, insulation | approx. 0.2 mm |
| Wire colors | Brown, white, green, yellow, gray, pink, blue, red |
| Overall twist | 8 wires around filler to the core |
| Shielding | Tinned copper braided shield |
| Optical shield covering | 85 % |

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Technical data

Cable

| | |
|---|--|
| External sheath, color | black-gray RAL 7021 |
| Outer sheath thickness | approx. 0.5 mm |
| External cable diameter D | 5.9 mm ±0.2 mm |
| Minimum bending radius, fixed installation | 5 x D |
| Minimum bending radius, flexible installation | 10 x D |
| Number of bending cycles | 2000000 |
| Minimum bending radius, drag chain applications | 10 x D |
| Traversing path | 10 m |
| Traversing rate | 3 m/s |
| Acceleration | 10 m/s ² |
| Cable weight | 53 kg/km |
| Outer sheath, material | PUR |
| Material conductor insulation | PP |
| Conductor material | Bare Cu litz wires |
| Insulation resistance | ≥ 1 GΩ*km (at 20 °C) |
| Conductor resistance | ≤ 78 Ω/km (at 20 °C) |
| Nominal voltage, cable | ≤ 300 V AC |
| Test voltage, cable | ≥ 3000 V AC (Spark test) |
| Test voltage Core/Shield | ≥ 2000 V AC (for 60 s) |
| Special properties | Flexible cable conduit capable |
| 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) |
| Halogen-free | in accordance with DIN VDE 0472 part 815 |
| | in accordance with DIN EN 50267-2-1 |
| Other resistance | hydrolysis and microbe resistant |
| | Resistant to salt water |
| | Low adhesion |
| | Low adhesion |
| | partly UV-resistant in accordance with DIN EN ISO 4892-2-A |
| Ambient temperature (operation) | -40 °C ... 80 °C (cable, fixed installation) |
| | -25 °C ... 80 °C (cable, flexible installation) |

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Approvals

Approvals

Cable reel - SAC-8P-100,0-PUR/SH-0,25 - 1550643

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

| | | | |
|--------------------|--|---|---------------|
| UL Listed | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 221474 |
| Nominal voltage UN | | 30 V | |
| Nominal current IN | | 2 A | |

| | | | |
|--------------------|--|---|---------------|
| cUL Listed | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 221474 |
| Nominal voltage UN | | 30 V | |
| Nominal current IN | | 2 A | |

| | | |
|-----|--|--------------------------|
| EAC | | RU C- DE.BL08.B.00286 |
|-----|--|--------------------------|

| | |
|--------------|--|
| cULus Listed | |
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