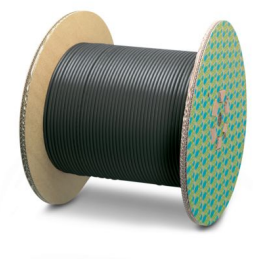
# SAC-3P-116-0,75/... - Cable reel

1408531

https://www.phoenixcontact.com/us/products/1408531

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By the meter, Cable reel, PUR/PVC, black RAL 9005, 3-wire, color single wire: black 1, black 2, green/yellow, cable length: Free input (110.0 ... 500 m), Supplied on a cable drum in up to two parts (details: see technical data)

## Commercial data

| | |
|---|---|
| Item number | 1408531 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | BF17 |
| Product key | AF1LBA |
| Customs tariff number | 85444995 |
| Country of origin | DE |

## Technical data

### Notes

| | |
|---|---|
| Order information: | The ordered cable length can be supplied in up to two parts (each > 100 m) on one cable drum. Corresponding deliveries are marked accordingly. |

### Product properties

| | |
|---|---|
| Product type | Cable by the meter |
| Application | Valve connector |
| Number of positions | 3 |
| Shielded | no |

### Cable/line

| | |
|---|---|
| Cable length | Free input (110.0 ... 500 m) |

PUR/PVC, 0.75 mm², black [116]

| | |
|---|---|
| Dimensional drawing |  |
| Cable weight | 53.4 kg/km |
| UL AWM Style | 20549 |
| Number of positions | 3 |
| Shielded | no |
| Cable type | PUR/PVC, 0.75 mm², black [116] |
| Conductor structure signal line | 24x 0.20 mm |
| AWG signal line | 18 |
| Conductor cross-section | 3x 0.75 mm² |
| Wire diameter incl. insulation | 1.7 mm ±0.05 mm |
| External cable diameter | 5.80 mm ±0.2 mm |
| Outer sheath, material | PUR |
| External sheath, color | black RAL 9005 |
| Conductor material | Bare Cu litz wires |
| Material wire insulation | PVC |
| Single wire, color | black 1, black 2, green/yellow |
| Overall twist | 3 wires, twisted |
| Max. conductor resistance | 26 Ω/km (at 20 °C) |
| Insulation resistance | ≥ 20 MΩ*km |
| Nominal voltage, cable | 300 V |

| | |
|---|---|
| Test voltage | 1200 V |
| Minimum bending radius, fixed installation | 5 x D |
| Minimum bending radius, flexible installation | 10 x D |
| Smallest bending radius, fixed installation | 29 mm |
| Smallest bending radius, movable installation | 58 mm |
| Dynamic load capacity (bending) | Max. bending cycles: 1000000, Traversing path: 10 m, Traversing rate: 2 m/s, Acceleration: 2.5 m/s² |
| Flame resistance | DIN VDE 0482 |
| | DIN EN 50265-2-1 |
| | in acc. with UL FT-2 |
| Resistance to oil | in accordance with DIN EN 60811-2-1 |
| Other resistance | Low adhesion |
| Special properties | flexible |
| Ambient temperature (operation) | -40 °C ... 80 °C (cable, fixed installation) |
| | -5 °C ... 80 °C (Cable, flexible installation) |

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1408531

**EAC-RoHS**
Approval ID: RU D-DE.HB35.B.00371

## Classifications

### ECLASS

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

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC003249 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 26121600 |

## 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% |

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