

## Master cable ring - SACB-16X0,34/2X0,75-50 PUR - 1539350

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Master cable for sensor/actuator boxes, without PE conductor, unshielded, material PUR/PVC, 18-pos., 16 x 0.34 mm<sup>2</sup> and 2 x 0.75 mm<sup>2</sup>, length: 50 m

RoHS

### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                    |
| GTIN                                 | <br>4 046356 077767 |
| GTIN                                 | 4046356077767                                                                                           |
| Weight per Piece (excluding packing) | 7,100.000 g                                                                                             |
| Custom tariff number                 | 85444995                                                                                                |
| Country of origin                    | Poland                                                                                                  |

### Technical data

#### General

|                     |       |
|---------------------|-------|
| Rated voltage       | 300 V |
| Number of positions | 18    |

#### Master cable data/connection data

|                 |                                                  |
|-----------------|--------------------------------------------------|
| Length of cable | 50 m                                             |
| Cable type      | Master cable suitable for flexible cable conduit |

#### Cable

|                                 |                                        |
|---------------------------------|----------------------------------------|
| Cable type                      | PUR/PVC black                          |
| Cable type (abbreviation)       | PUR                                    |
| Cable abbreviation              | LiYY11Y-HF                             |
| Conductor cross section         | 16x 0.34 mm <sup>2</sup> (Signal line) |
|                                 | 2x 0.75 mm <sup>2</sup> (Power supply) |
| AWG signal line                 | 22                                     |
| AWG power supply                | 18                                     |
| Conductor structure signal line | 42x 0.10 mm                            |

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## Technical data

### Cable

|                                     |                                                                                                                                                                      |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conductor structure, voltage supply | 96x 0.10 mm                                                                                                                                                          |
| Wire colors                         | brown, blue, white, green, yellow, gray, pink, red, black, violet, gray/pink, red/blue, white/green, brown/green, white/yellow, yellow/brown, white/gray, gray/brown |
| Overall twist                       | Wires twisted in layers                                                                                                                                              |
| External sheath, color              | deep black RAL 9005                                                                                                                                                  |
| External cable diameter D           | 10.1 mm ±0.2 mm                                                                                                                                                      |
| Number of bending cycles            | 1500000                                                                                                                                                              |
| Bending radius                      | 110 mm                                                                                                                                                               |
| Traversing path                     | 2 m                                                                                                                                                                  |
| Traversing rate                     | 2 m/s                                                                                                                                                                |
| Outer sheath, material              | PUR                                                                                                                                                                  |
| Material, inner sheath              | PVC                                                                                                                                                                  |
| Material conductor insulation       | PVC                                                                                                                                                                  |
| Conductor material                  | Bare Cu litz wires                                                                                                                                                   |
| Nominal voltage, cable              | 300 V (Signal line)                                                                                                                                                  |
|                                     | 500 V (Power supply)                                                                                                                                                 |
| Test voltage, cable                 | 1200 V (Signal line)                                                                                                                                                 |
|                                     | 2000 V (Power supply)                                                                                                                                                |
| Special properties                  | Silicone-free                                                                                                                                                        |
| Flame resistance                    | DIN EN 50265                                                                                                                                                         |
| Resistance to oil                   | according to VDE 0472 Part 803                                                                                                                                       |
| Other resistance                    | Highly resistant to acids, alkaline solutions and solvents                                                                                                           |
| Ambient temperature (operation)     | -40 °C ... 90 °C (cable, fixed installation)                                                                                                                         |
|                                     | -5 °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" |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27250313 |
| eCl@ss 4.1 | 27250313 |
| eCl@ss 5.0 | 27143423 |
| eCl@ss 5.1 | 27143400 |
| eCl@ss 6.0 | 27062000 |
| eCl@ss 7.0 | 27062011 |
| eCl@ss 8.0 | 27062011 |
| eCl@ss 9.0 | 27062011 |

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### Classifications

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC000104 |
| ETIM 4.0 | EC000104 |
| ETIM 5.0 | EC001578 |
| ETIM 6.0 | EC001578 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11     | 31261501 |
| UNSPSC 12.01  | 31261501 |
| UNSPSC 13.2   | 31251501 |

### Approvals

#### Approvals

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#### Approvals

#### EAC

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#### Ex Approvals

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#### Approval details

|     |                                                                                     |               |
|-----|-------------------------------------------------------------------------------------|---------------|
| EAC |  | EAC-Zulassung |
|-----|-------------------------------------------------------------------------------------|---------------|

### Accessories

#### Accessories

#### Stripping tool

#### Stripping tool - WIREFOX-D 13 - 1212162



Stripping tool, for stripping installation lines of Ø 8 - 13 mm , e.g. NYM 3 x 1.5 mm<sup>2</sup> to 5 x 2.5 mm<sup>2</sup>, single line stripping 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup> , with longitudinal cut blade and sliding knife

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### Accessories

Stripping tool - WIREFOX-D 40 - 1212161



Stripping tool, for stripping cables of 4.5 mm - 40 mm-Ø, insulation thickness of up to 4.5 mm, pivoting blade for round, lengthwise, and spiral cuts

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Stripping tool - WIREFOX 4 - 1212156



Stripping tool, for cables and conductors (especially for rubber and silicone insulations) from 0.1 - 4 mm<sup>2</sup>, self-adjusting, stripping length of up to 18 mm, cutting capacity of up to 10 mm<sup>2</sup> stranded/1.5 mm<sup>2</sup> solid, replaceable stripping blade