

## Master cable - SAC-14P-15,0-PUR/M16FR - 1527472

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Master cable, 14-position, PUR/PVC, deep black RAL 9005, Free cable end, on Socket angled M16, Cable length: 15 m

### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 1             |
| GTIN             | 4017918958954 |

### Technical data

#### Dimensions

|                                            |       |
|--------------------------------------------|-------|
| Length of cable                            | 15 m  |
| Stripping length of the free conductor end | 50 mm |

#### Ambient conditions

|                      |      |
|----------------------|------|
| Degree of protection | IP67 |
|----------------------|------|

#### General

|                       |                                                                |
|-----------------------|----------------------------------------------------------------|
| Rated current at 40°C | 4 A (for 0.34 mm <sup>2</sup> , 6 A for 0.75 mm <sup>2</sup> ) |
| Rated voltage         | 125 V AC                                                       |
| Rated voltage         | 150 V DC                                                       |
| Number of positions   | 14                                                             |
| Connection method     | M16 plug connection                                            |

#### Material

|                          |                                             |
|--------------------------|---------------------------------------------|
| Contact material         | CuZn                                        |
| Contact surface material | Ni/Au                                       |
| Contact carrier material | TPU GF                                      |
| Material of grip body    | TPU, hardly inflammable, self-extinguishing |
| Material, knurls         | Nickel-plated brass                         |
| Sealing material         | NBR                                         |

#### Cable

|                                 |                                                  |
|---------------------------------|--------------------------------------------------|
| Cable type                      | Master cable suitable for flexible cable conduit |
| Cable abbreviation              | LiFYwYw11Y                                       |
| 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            |
| Core diameter including insulation            | 1.5 mm (signal line)   |
| Core diameter including insulation            | 1.85 mm (Power supply) |
| External sheath, color                        | deep black RAL 9005    |
| External cable diameter                       | 9.10 mm                |
| Smallest bending radius, fixed installation   | 95 mm                  |
| Smallest bending radius, movable installation | 95 mm                  |
| Number of bending cycles                      | 1500000                |
| Bending radius                                | 95 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)    |
| Nominal voltage, cable                        | 500 V (Power supply)   |
| Test voltage, cable                           | 1200 V (signal line)   |
| Test voltage, cable                           | 1500 V (Power supply)  |

## classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27060306 |
| eCl@ss 4.1 | 27060306 |
| eCl@ss 5.0 | 27061801 |
| eCl@ss 5.1 | 27061801 |
| eCl@ss 6.0 | 27061801 |
| eCl@ss 7.0 | 27061801 |
| eCl@ss 8.0 | 27061801 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000104 |
| ETIM 3.0 | EC000104 |
| ETIM 4.0 | EC000104 |
| ETIM 5.0 | EC000830 |

### UNSPSC

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

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## Drawings

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