


Master cable - SAC-14P-10,0-PUR/M16FR - 1693759

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Master cable, application: Sensor/actuator box, connection method: M8 socket Metal, number of slots: 10, number of positions: 14, slot assignment: single, status display: No; master cable connection: M16 plug connection, PUR/PVC, cable length: 10 m, shielding: no

Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 017918 189099 |
| GTIN | 4017918189099 |
| Weight per Piece (excluding packing) | 1,245.800 g |
| Custom tariff number | 85444290 |
| Country of origin | Germany |

Technical data

General

| | |
|-----------------------------------|-----------|
| Rated voltage | 48 V AC |
| | 60 V DC |
| Number of positions | 14 |
| Number of slots | 10 |
| Sensor/actuator connection system | M8 socket |

Ambient conditions

| | |
|---------------------------------|---|
| Degree of protection | IP67 |
| Ambient temperature (operation) | -25 °C ... 90 °C (Plug / socket) |
| | -40 °C ... 90 °C (for fixed installation) |
| | -5 °C ... 80 °C (for flexible installation) |

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Technical data

Master cable data/connection data

| | |
|-------------------------------------|--|
| Connection method | M16 plug connection |
| Length of cable | 10 m |
| Cable type | Master cable suitable for flexible cable conduit |
| Signal line cross section | 10x 0.34 mm ² |
| AWG signal line | 22 |
| Conductor structure signal line | 42x 0.10 mm |
| Power supply cross section | 2x 0.75 mm ² |
| AWG power supply | 18 |
| Conductor structure, voltage supply | 96x 0.10 mm |
| External diameter | 9.1 mm |
| Max. bending cycles | 1500000 |
| Bending radius | 100 mm |
| Traversing path | 2 m |
| Traversing rate | 2 m/s |

Insulation material

| | |
|--|---------------|
| Housing material | PUR |
| Material of contact, master cable side | CU alloy |
| Material of contact surface, master cable side | gold-plated |
| Material of the contact carrier on the master cable side | TPU |
| Material of threaded sleeve | Cu alloy |
| Material of threaded sleeve surface | Nickel-plated |
| Sealing material | NBR |

Connection assignment

| | |
|---------------------------------------|------------------------------|
| Slot/position = pin = conductor color | 1 / 4 (A) = P = WH |
| | 2 / 4 (A) = J = GN |
| | 3 / 4 (A) = T = YE |
| | 4 / 4 (A) = S = GY |
| | 5 / 4 (A) = G = PK |
| | 6 / 4 (A) = R = RD |
| | 7 / 4 (A) = E = BK |
| | 8 / 4 (A) = O = VT |
| | 9 / 4 (A) = C = WH/PK |
| | 10 / 4 (A) = N = PK/BN |
| | 1-10 / 1 (+120 V) = A+M = BN |
| | 1-10 / 3 (0 V) = L+U = BU |

Environmental Product Compliance

Master cable - SAC-14P-10,0-PUR/M16FR - 1693759

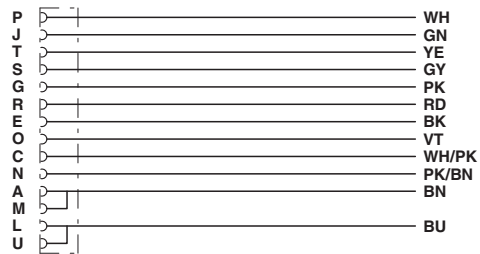
Technical data

Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

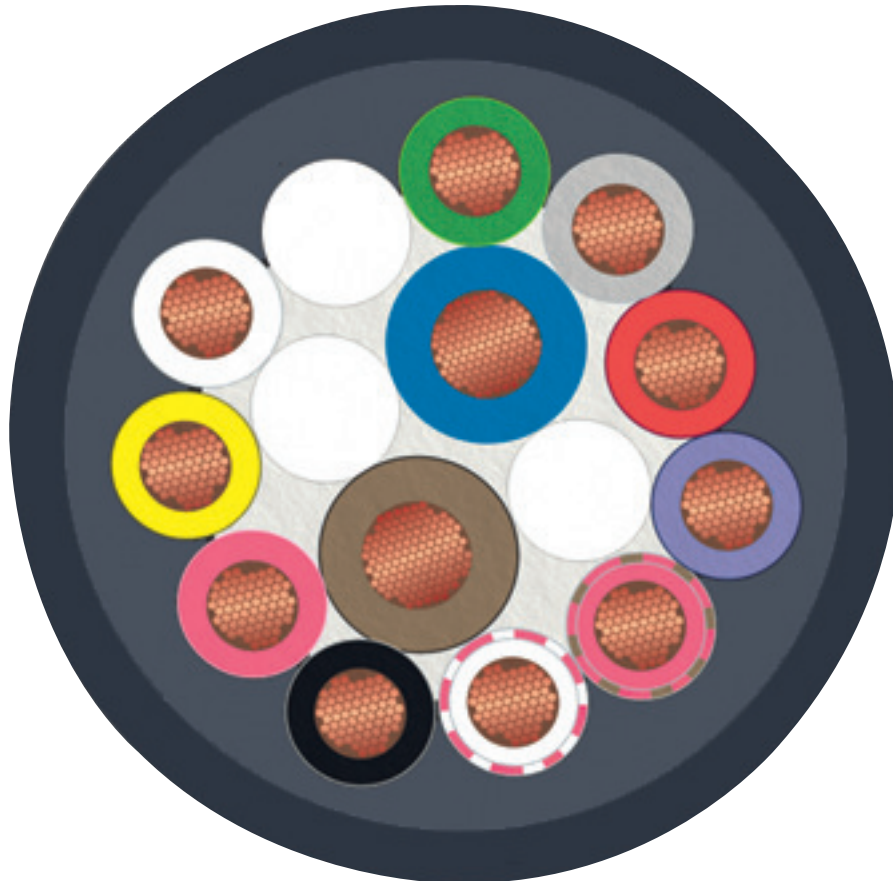
Circuit diagram



Contact assignment of the M16 socket

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Cable cross section



PUR/PVC black [PUR]

Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27060311 |
| eCl@ss 11.0 | 27060311 |
| eCl@ss 4.0 | 27060300 |
| eCl@ss 4.1 | 27060300 |
| eCl@ss 5.0 | 27061800 |
| eCl@ss 5.1 | 27061800 |
| eCl@ss 6.0 | 27279200 |
| eCl@ss 7.0 | 27279218 |
| eCl@ss 9.0 | 27060311 |

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Classifications

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000104 |
| ETIM 3.0 | EC000104 |
| ETIM 4.0 | EC001855 |
| ETIM 6.0 | EC001855 |
| ETIM 7.0 | EC001855 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 31251501 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11 | 31251501 |
| UNSPSC 12.01 | 31251501 |
| UNSPSC 13.2 | 31251501 |
| UNSPSC 19.0 | 31251501 |
| UNSPSC 20.0 | 31251501 |
| UNSPSC 21.0 | 31251501 |

Approvals


Approvals

Approvals

EAC / EAC-RoHS

Ex Approvals

Approval details

| | | |
|-----|---|----------|
| EAC |  | 19060508 |
|-----|---|----------|

| | | |
|----------|---|------------|
| EAC-RoHS |  | B.00385/20 |
|----------|---|------------|
