

Connector hood - SACB-C-H180-10/3-10,0PUR-M8 - 1516360

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Connector hood, For use in Sensor/actuator box, Connection method: M8 socket Metal, Number of slots: 10, Slot assignment: Single, Status indication: No; Master cable connection: Pluggable screw connection 180°, PUR/PVC, Cable length: 10 m, Shielding: No

Key commercial data

| | |
|------------------|---------------|
| package_quantity | 1 |
| GTIN | 4017918967307 |

Technical data

General

| | |
|--|-----------|
| Rated voltage | 120 V |
| Current carrying capacity per I/O signal | 2 A |
| Total rated current | 8 A |
| Number of slots | 10 |
| Sensor/actuator connection system | M8 socket |

Ambient conditions

| | |
|---------------------------------|---|
| Degree of protection | IP65 |
| Degree of protection | IP67 |
| Ambient temperature (operation) | -30 °C ... 80 °C |
| Ambient temperature (operation) | -40 °C ... 90 °C (for fixed installation) |
| Ambient temperature (operation) | -5 °C ... 80 °C (for flexible installation) |

Master cable connection data

| | |
|-------------------|----------------------------|
| Connection method | Pluggable screw connection |
| Length of cable | 10 m |

Insulation material

| | |
|--|-------------|
| Housing material | PBT |
| 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 | PA |

Pin assignment

| | |
|--|----------------|
| Slot/position = Wire color or connection | 1 / 4 (A) = WH |
| Slot/position = Wire color or connection | 2 / 4 (A) = GN |
| Slot/position = Wire color or connection | 3 / 4 (A) = YE |

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Technical data

Pin assignment

| | |
|--|-----------------------|
| Slot/position = Wire color or connection | 4 / 4 (A) = GY |
| Slot/position = Wire color or connection | 5 / 4 (A) = PK |
| Slot/position = Wire color or connection | 6 / 4 (A) = RD |
| Slot/position = Wire color or connection | 7 / 4 (A) = BK |
| Slot/position = Wire color or connection | 8 / 4 (A) = VT |
| Slot/position = Wire color or connection | 9 / 4 (A) = WH/PK |
| Slot/position = Wire color or connection | 10 / 4 (A) = PK/BN |
| Slot/position = Wire color or connection | 1-10 / 1 (+24 V) = BN |
| Slot/position = Wire color or connection | 1-10 / 3 (0 V) = BU |

Cable

| | |
|---|--|
| Cable type | PUR/PVC black |
| Cable type (abbreviation) | PUR |
| Cable abbreviation | LiYY11Y-HF |
| UL AWM style | 20549 |
| Conductor cross section | 10x 0.34 mm ² (signal line) |
| Conductor cross section | 2x 0.75 mm ² (power line) |
| AWG signal line | 22 |
| AWG power supply | 18 |
| Conductor structure signal line | 19x 0.15 mm |
| Conductor structure, voltage supply | 42x 0.15 mm |
| Core diameter including insulation | 1.3 mm ±0.1 mm (signal line) |
| Core diameter including insulation | 1.8 mm ±0.1 mm (power line) |
| Thickness, insulation | ≥ 0.15 mm (Inner sheath) |
| Thickness, insulation | ≥ 0.38 mm (Outer cable sheath) |
| Overall twist | Wires twisted in layers |
| External sheath, color | Black RAL 9005 |
| External cable diameter D | 8.6 mm ±0.2 mm |
| Minimum bending radius, fixed installation | 7.5 x D |
| Minimum bending radius, flexible installation | 10 x D |
| Number of bending cycles | 1500000 |
| Bending radius | 86 mm |
| Traversing path | 2 m |
| Traversing rate | 2 m/s |
| Cable weight | 111.1 kg/km |
| Outer sheath, material | PUR |
| Material, inner sheath | PVC |
| Material conductor insulation | PVC |
| Conductor material | Bare Cu litz wires |
| Nominal voltage, cable | 300 V |
| Test voltage, cable | 2000 V |
| Special properties | Silicone-free |

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Technical data

Cable

| | |
|---------------------------------|--|
| Flame resistance | DIN EN 50265 |
| Resistance to oil | As per VDE 0472 Part 803 |
| Other resistance | Highly resistant to acids, alkaline solutions and solvents |
| Ambient temperature (operation) | -40 °C ... 90 °C (cable, fixed installation) |
| Ambient temperature (operation) | -5 °C ... 80 °C (cable, flexible installation) |

classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27140815 |
| eCl@ss 4.1 | 27140815 |
| eCl@ss 5.0 | 27143423 |
| eCl@ss 5.1 | 27143423 |
| eCl@ss 6.0 | 27143423 |
| eCl@ss 7.0 | 27449001 |
| eCl@ss 8.0 | 27449001 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000200 |
| ETIM 3.0 | EC001856 |
| ETIM 4.0 | EC002585 |
| ETIM 5.0 | EC002585 |


UNSPSC

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

approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized /

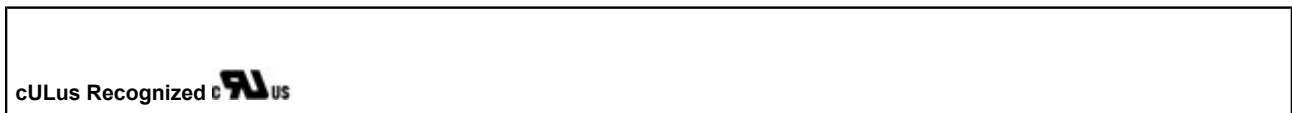
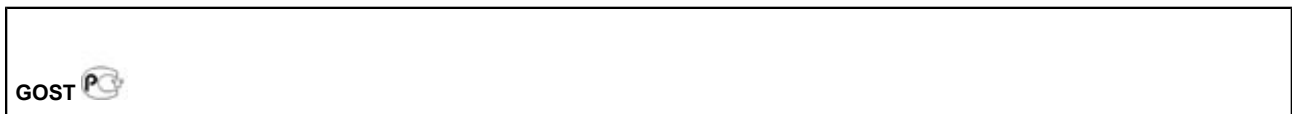
Approval details

| | |
|---|------|
|  | |
| Nominal voltage UN | 24 V |
| Nominal current IN | |
| mm ² /AWG/kcmil | |

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approvals

| | |
|----------------------------|------|
| cUL Recognized | |
| Nominal voltage UN | 24 V |
| Nominal current IN | |
| mm ² /AWG/kcmil | |



accessories

Screwdriver tools

SZK PZ2 VDE - 1206463



SAC BIT HOOD-W 24 - 1212486



TSD-M SAC-BIT ADAPTER - 1212600



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accessories

SF-BIT-PZ 2-50 - 1212592



Torque tool

TSD-M 1,2NM - 1212224



TSD 25 SAC - 1212315



TSD-M 3NM - 1212225



Terminal marking

ZBF10:UNBEDRUCKT - 0809997



Labeled terminal marker

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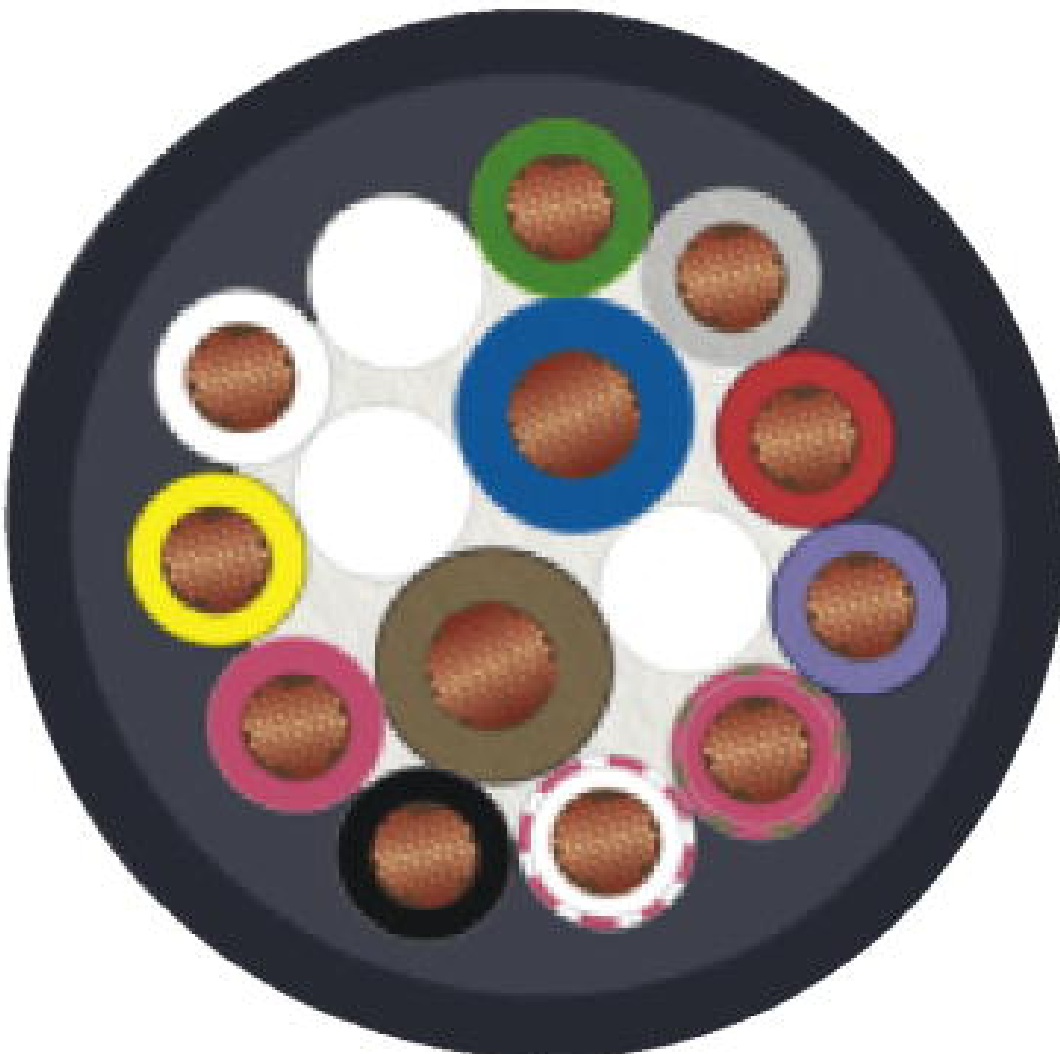
accessories

ZBF10 CUS - 0825031



Drawings

Cable cross section



PUR/PVC black [PUR]



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