

SACB-C-H180-8/16 SCO P - Connector hood

1453229

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Connector hood with integrated connector, for M12 sensor/actuator boxes with SPEEDCON plastic thread and plug-in screw connection, for 4, 6 or 8 slots

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1453229 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF41 |
| Product key | AF3CBG |
| GTIN | 4046356553452 |
| Weight per piece (including packing) | 60.7 g |
| Weight per piece (excluding packing) | 46.2 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

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Technical data

Notes

| | |
|------------------------------|---|
| Note regarding documentation | For details about the PCB connectors used, refer to the technical data for MC 1,5/10-STF-3,5 (1847204) |
| Assembly note | NOTE: Observe the permissible bending radii when routing cables, since the degree of protection may be at risk if the bending forces are too high. Reduce mechanical loads upstream of the connector, e.g., by using cable ties. |

Product properties

| | |
|-----------------|---------------------|
| Product type | Connector hood |
| Application | Sensor/actuator box |
| Number of slots | 8 |
| Coding | A |
| LED | no |

Electrical properties

| | |
|---|----------|
| Nominal voltage U_N | 120 V AC |
| | 120 V DC |
| Rated current, total | 10 A |
| Max. current carrying capacity per path | 2 A |
| Current carrying capacity per slot | 4 A |

Connection data

Conductor connection

| | |
|--|--|
| Sensor/actuator connection system | M12 socket |
| Connection method | Pluggable screw connection |
| Conductor cross-section Flexible signal line | 0.14 mm ² ... 1.5 mm ² |
| Conductor cross-section Flexible power supply | 0.14 mm ² ... 1.5 mm ² |
| Connection cross section AWG Flexible signal line | 26 ... 16 |
| Connection cross section AWG Flexible power supply | 26 ... 16 |
| Stripping length Signal line | 7 mm |
| Stripping length of the sheath | 50 mm (Master cable) |
| Tightening torque, cover screw | 1 Nm |

Connection assignment

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

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| | |
|--|---|
| | 4 / 2 (B) = 4 / 2 = BNGN |
| | 5 / 4 (A) = 5 / 4 = PK |
| | 5 / 2 (B) = 5 / 2 = WHYE |
| | 6 / 4 (A) = 6 / 4 = RD |
| | 6 / 2 (B) = 6 / 2 = YEBN |
| | 7 / 4 (A) = 7 / 4 = BK |
| | 7 / 2 (B) = 7 / 2 = WHGY |
| | 8 / 4 (A) = 8 / 4 = VT |
| | 8 / 2 (B) = 8 / 2 = GYBN |
| | 1-8 / 1 (+ 120 V) = U _N = BN |
| | 1-8 / 3 (0 V) = 0 V = BU |
| | 1-8 / 5 (PE) = PE = GNYE |

Signaling

| | |
|------------------------|----|
| Status display present | no |
|------------------------|----|

Dimensions

| | |
|---------------------|-------|
| Dimensional drawing | |
| Width | 54 mm |
| Height | 25 mm |
| Length | 34 mm |

Material specifications

| | |
|--|----------|
| Material Housing | PBT |
| Flammability rating according to UL 94 | V0 |
| Seal material | NBR |
| Material of contact, master cable side | CU alloy |
| Material of the contact carrier on the master cable side | PA |
| Material of contact surface, master cable side | Sn |

Cable/line

| | |
|-------------------------|----------------------------|
| External cable diameter | 7 mm ... 12 mm |
| Connection method | Pluggable screw connection |

Environmental and real-life conditions

Ambient conditions

| | |
|----------------------|------|
| Degree of protection | IP65 |
|----------------------|------|

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| | |
|---------------------------------|------------------|
| | IP67 |
| Ambient temperature (operation) | -25 °C ... 80 °C |

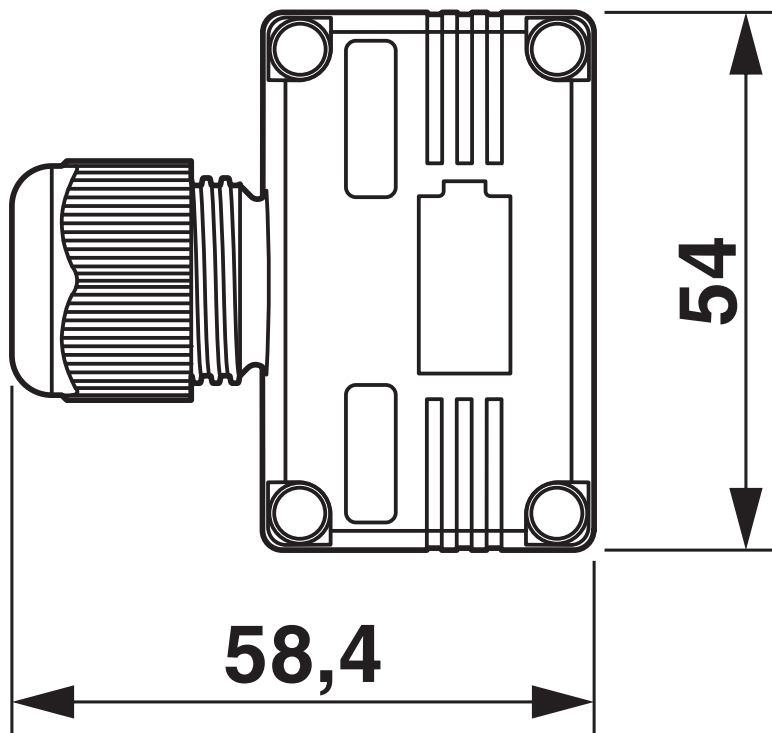
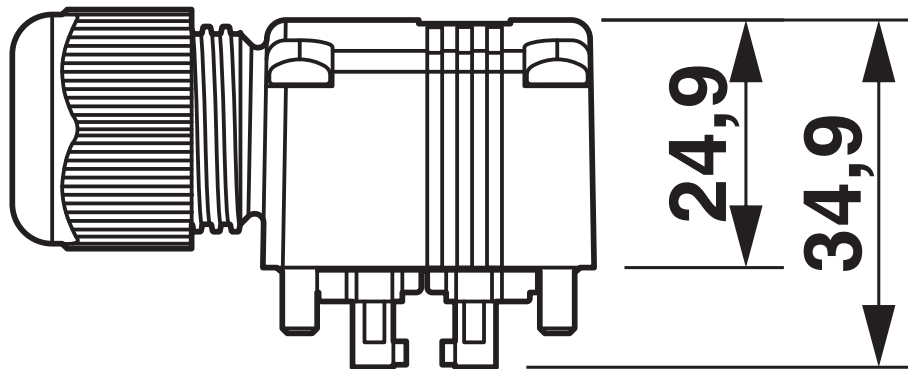
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Drawings

Dimensional drawing



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Approvals

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cUL Recognized

Approval ID: E118976



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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440111 |
| ECLASS-15.0 | 27440111 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC003558 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 31251500 |
|-------------|----------|

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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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