

# Sensor/actuator box header - SACB- 4/3-L-C-M8 GG - 1516250

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Sensor/actuator box header, Application: Standard, Connection method: M8 socket Metal, Number of slots: 4, Number of positions: 3, Slot assignment: Single, Status indication: Yes, pnp; Master cable connection: Pluggable screw connection, Shielding: No



## Key commercial data

Packing unit	1 pc
GTIN	4 017918 967185
Weight per Piece (excluding packing)	94.0 g
Custom tariff number	85366990
Country of origin	Poland
Note	Made to Order (non-returnable)

## Technical data

### General

Rated voltage	24 V DC
Max. operating voltage $U_{max}$	30 V DC
Current carrying capacity per I/O signal	2 A
Current carrying capacity per slot	2 A
Total rated current	8 A
Number of positions	3
Number of slots	4
Inflammability class according to UL 94	V0
Sensor/actuator connection system	M8 socket

### Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-30 °C ... 80 °C

### Local diagnostics function

Local diagnostics	Supply voltage Green LED
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## Technical data

### Local diagnostics function

	Status display I/O Yellow LED
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### Master cable data/connection data

Connection method	Pluggable screw connection
Tightening torque slot sensor/actuator cable	0.2 Nm

### Insulation material

Housing material	PBT
Material of the moulding mass	PUR
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	PA
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 66 V0
Material of threaded sleeve	Cu alloy
Material of threaded sleeve surface	Nickel-plated
O-ring material	NBR

### Pin assignment

Slot/position = Wire color or connection	1 / 4 (A) = 1 / 4
	2 / 4 (A) = 2 / 4
	3 / 4 (A) = 3 / 4
	4 / 4 (A) = 4 / 4
	1-4 / 1 (+ 24 V) = U <sub>N</sub>
	1-4 / 3 (0 V) = 0 V

## 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

### ETIM

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

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## Classifications

### UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

## Approval details

UL Recognized	
Nominal voltage UN	24 V

cUL Recognized	
Nominal voltage UN	24 V

EAC
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cULus Recognized
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## Accessories

### Accessories

## Sensor/actuator box header - SACB- 4/3-L-C-M8 GG - 1516250

### Accessories

#### Labeled terminal marker

Zack Marker strip, flat - ZBF10 CUS - 0825031



Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 10 mm, Lettering field: 5.15 x 10 mm

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#### Protective cap

Screw plug - PROT-M8 - 1682540



An M8 screw plug for the unoccupied M8 sockets of the sensor/actuator cable, boxes and flush-type connectors

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#### Screwdriver tools

Tool - SAC BIT M8-D10 - 1208461



Nut for assembling sensor/actuator cables with M8 connector and for M8 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive

Tool - SACC BIT M8-D12 - 1208474



Nut for assembling SACC M8 connectors for free assembly with longitudinal knurl, excluding M8 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive

Philips screwdriver - SZK PZ2 VDE - 1206463



Screwdriver, PZ crosshead, VDE insulated, size: PZ 2 x 100 mm, 2-component grip, with non-slip grip

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### Accessories

Tool - SAC BIT HOOD-W 24 - 1212486



Nut for assembling pressure nuts with 24 mm wrench size, for 4 mm hexagonal drive

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Adapter insert - TSD-M SAC-BIT ADAPTER - 1212600



Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

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Screw insert - SF-BIT-PZ 2-50 - 1212592



Screw bit, PZ crosshead, E6.3-1/4" drive, size: PZ 2 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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### Terminal marking

Zack Marker strip, flat - ZBF10:UNBEDRUCKT - 0809997



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 10 mm, Lettering field: 5.15 x 10 mm

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### Torque tool

Torque screwdriver - TSD 02 SAC - 1208487



Torque screwdriver, with preset torque of 0.2 Nm and 4 mm hexagonal drive for M8 connectors

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### Accessories

Torque screwdriver - TSD-M 1,2NM - 1212224



Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm

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Torque screwdriver - TSD 25 SAC - 1212315



Torque screwdriver, with preset torque of 2.5 Nm and 4 mm hexagonal drive for the pressure nut of the connector hood

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Torque screwdriver - TSD-M 3NM - 1212225



Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 1.2 - 3 Nm

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### Necessary add-on products

Connector hood - SACB-C-H180- 4/3- 5,0PUR-M8 - 1516292



Connector hood, Application: Sensor/actuator box, Connection method: M8 socket Metal, Number of slots: 4, Slot assignment: Single, Status indication: No; Master cable connection: Pluggable screw connection 180°, PUR/PVC, Cable length: 5 m, Shielding: No

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Connector hood - SACB-C-H180- 4/3-10,0PUR-M8 - 1516302



Connector hood, Application: Sensor/actuator box, Connection method: M8 socket Metal, Number of slots: 4, Slot assignment: Single, Status indication: No; Master cable connection: Pluggable screw connection 180°, PUR/PVC, Cable length: 10 m, Shielding: No

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## Accessories

Connector hood - SACB-C-H180 4-3 M8 PUR/ - 1516373



Connector hood, Application: Sensor/actuator box, Connection method: M8 socket Metal, Number of slots: 4, Slot assignment: Single, Status indication: No; Master cable connection: Pluggable screw connection 180°, PUR/PVC, Cable length: 0.5 m ... 50 m, Shielding: No

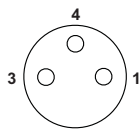
Connector hood - SACB-C-H180- 4/3-M8 - 1521229



Connector hood with an integrated connector, for M8 sensor/actuator boxes with pluggable screw connection and four slots, single-occupancy

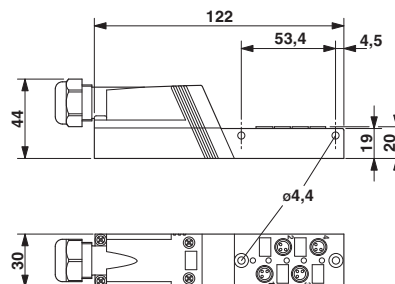
## Drawings

Schematic diagram



M8 slot, socket, 3-pos.

Dimensioned drawing



Circuit diagram

