

## Flush-type connector - SACC-CI-M12FSB-5CON-L180-THR - 1551435


Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Sensor/actuator flush-type socket, 5-pos., B-coded, with straight THR solder connection, only contact insert



### Key commercial data

Packing unit	60 pc
Minimum order quantity	60 pc
GTIN	 4 046356 153690
Weight per Piece (excluding packing)	4.84 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)
Degree of protection	IP67

#### General

Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	B - inverse
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No

# Flush-type connector - SACC-CI-M12FSB-5CON-L180-THR - 1551435

## Technical data

### General

Surge voltage category	II
Pollution degree	3
Connection method	THR solder connection
Insertion/withdrawal cycles	> 100
Torque	3 Nm ... 4 Nm (Installation-side)
Mounting type	PCB mounting

### Material

Inflammability class according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PPA
Sealing material	FKM / EPDM

### Cable

Ambient temperature (operation)	-40 °C ... 85 °C (cable, fixed installation)
	-25 °C ... 85 °C (cable, flexible installation)

## Classifications

### eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27440103

### ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002061
ETIM 5.0	EC002061

### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

## Flush-type connector - SACC-CI-M12FSB-5CON-L180-THR - 1551435

### Approvals

#### Approvals

---

#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

---


#### Ex Approvals


---

#### Approvals submitted


---

#### Approval details

UL Recognized 	
mm²/AWG/kcmil	26-20
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	60 V

cUL Recognized 	
mm²/AWG/kcmil	26-20
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	60 V

EAC
-----

cULus Recognized 
--

### Accessories

#### Accessories

Panel mounting base

## Flush-type connector - SACC-CI-M12FSB-5CON-L180-THR - 1551435

### Accessories

Housing screw connection - SACC-M12-SCO NUT - 1552243



M12 SPEEDCON housing screw connection for M12 female inserts, with O-ring, for all SPEEDCON-capable THR and wave soldering contact carriers

---

Housing screw connection - SACC-M12-SCO NUT L 90 - 1432460



M12-SPEEDCON housing screw connection for M12 female inserts, with flat gasket, for all Speedcon-compatible THR and wave soldering contact carriers

---

Housing screw connection - SACC-M12 NUT PRESS - 1437889



Housing screw connection for two-piece M12 connectors for the reflow soldering process.

---

### Protective cap

Screw plug - PROT-M12 - 1680539



An M12 screw plug for the unoccupied M12 sockets of the sensor/actuator cable, boxes and flush-type connectors

---

Screw plug - PROT-M12 SH - 1503302



An M12 screw plug for the unoccupied M12 sockets of the shielded sensor/actuator cable, boxes and flush-type connectors

## Flush-type connector - SACC-CI-M12FSB-5CON-L180-THR - 1551435

### Accessories

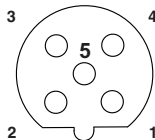
Screw plug - PROT-M12 FB - 1555538



M12 high-grade steel screw plug, for unoccupied M12 sockets of the sensor/actuator cables, boxes and flush-type connectors for the food industry

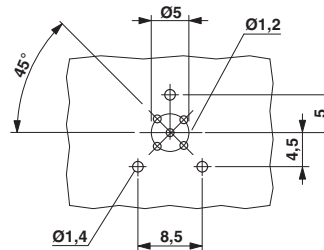
### Drawings

Schematic diagram



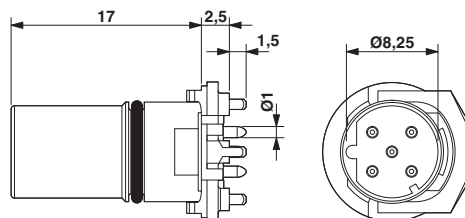
Pin assignment M12 socket, 5-pos., B-coded, female side

Drilling diagram



Drilling diagram

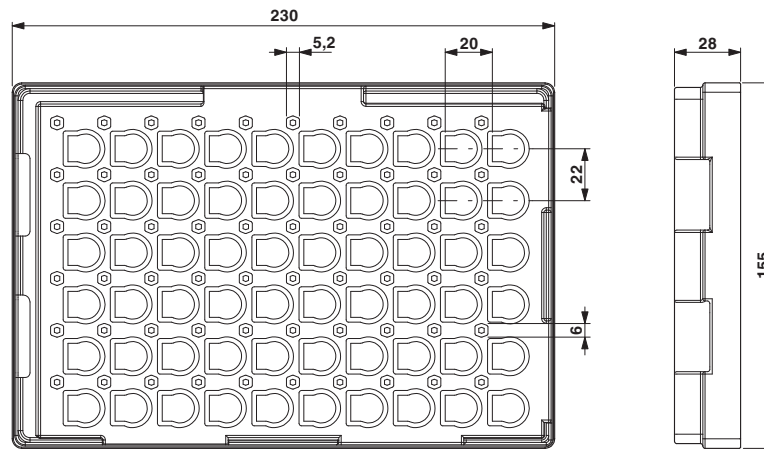
Dimensioned drawing



M12 female connector contact carrier

## Flush-type connector - SACC-CI-M12FSB-5CON-L180-THR - 1551435

Dimensioned drawing



THR tray packaging