

## Flush-type connector - SACC-CI-M12MS-12CON-L180 THR - 1441985

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://download.phoenixcontact.com>)



Sensor/actuator flush-type plug, 12-pos., A-coded, with straight THR solder connection, contact insert only



### Key commercial data

Packing unit	1 1
Minimum order quantity	60 1
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
Degree of protection	IP67

#### General

Rated current at 40°C	1.5 A
Rated voltage	30 V
Number of positions	12
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Surge voltage category	III
Pollution degree	3
Connection method	THR solder connection
Insertion/withdrawal cycles	> 100

# Flush-type connector - SACC-CI-M12MS-12CON-L180 THR - 1441985

## Technical data

### General

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

## Classifications

### eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27260701
eCl@ss 6.0	27279220
eCl@ss 7.0	27440103
eCl@ss 8.0	27440103

### ETIM

ETIM 2.0	EC001297
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

## Approvals

### Approvals

---

# Flush-type connector - SACC-CI-M12MS-12CON-L180 THR - 1441985

## Approvals

Approvals

UL Recognized / GOST / GOST

---

Ex Approvals

---

Approvals submitted

---

## Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	
26-20	
Nominal current I <sub>N</sub>	
1.5 A	
Nominal voltage U <sub>N</sub>	
30 V	

GOST	
------	--

GOST	
------	--

## Accessories

Accessories

Panel mounting base

Housing screw connection - SACC-M12-SCO PLUG - 1551493



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

# Flush-type connector - SACC-CI-M12MS-12CON-L180 THR - 1441985

## Accessories

Housing screw connection - SACC-M12-SCO PLUG L90 - 1436709



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

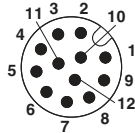
Housing screw connection - SACC-M12 PLUG PRESS - 1437892



M12 pin, housing screw connection, press-in version, for all Speedcon-compatible THR and wave soldering contact carriers

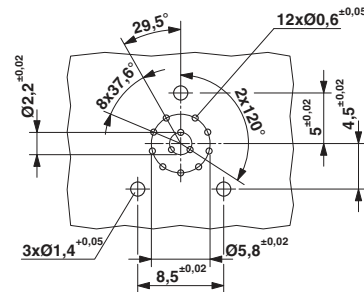
## Drawings

Schematic diagram

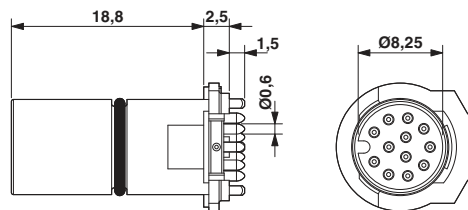


Pin assignment of M12 male connector, 12-pos., A-coded, view of connector side

Drilling diagram



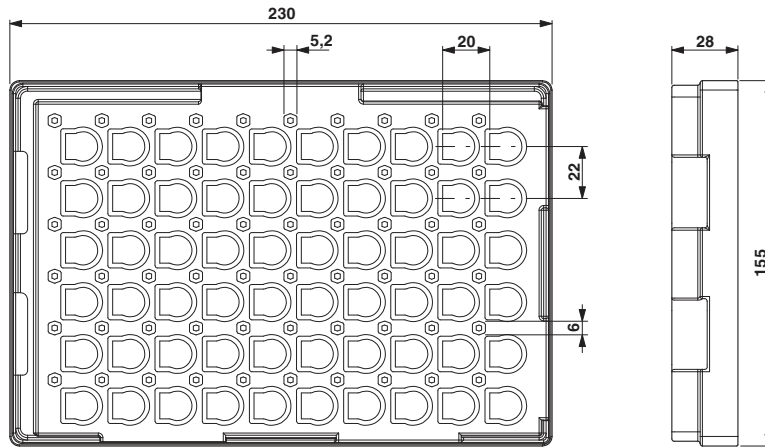
Dimensioned drawing



M12 flush-type connector

# Flush-type connector - SACC-CI-M12MS-12CON-L180 THR - 1441985

Dimensioned drawing



THR tray packaging