

## Flush-type connector - SACC-CI-M12MST-4CON-L180 THR - 1406396

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>)



Flush-type connector, Universal, 4-position, PlugLink:straight, T power, PCB mounting, THR solder connection

### Product Features

- For compact devices: transmit high power in a confined space
- Reduced mounting costs thanks to two-piece device connector
- All common pin assignments and codings available
- Easy device integration thanks to mechanical port screw connections with threaded attachment, press-in contour or direct integration in the front plate
- Additional gasket for the device when not plugged in
- Packaging available for automated pick and place assembly



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	60 pc
Weight per Piece (excluding packing)	5.667 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 105 °C
	-40 °C ... 105 °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
------	---

# Flush-type connector - SACC-CI-M12MST-4CON-L180 THR - 1406396

## Technical data

### General

	a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Rated current at 40°C	12 A
Rated voltage	60 V
Rated surge voltage	1.5 kV
Number of positions	4
Insulation resistance	≥ 100 MΩ
Coding	T power
Standards/regulations	M12 connector
Signal type/category	Universal
Overvoltage category	III
Degree of pollution	3
Connection method	THR solder connection
Insertion/withdrawal cycles	> 100
Mounting type	PCB mounting

### Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA4T
Sealing material	FKM

### Standards and Regulations

Standard designation	M12 connector
Flammability rating according to UL 94	V0

## 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	27440103
eCl@ss 9.0	27440102

# Flush-type connector - SACC-CI-M12MST-4CON-L180 THR - 1406396

## Classifications

### ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002062
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

---

#### Approvals

EAC / UL Listed / cUL Listed / EAC / cULus Listed

---

#### Ex Approvals


---

#### Approvals submitted

---

### Approval details

EAC
-----

UL Listed 	
mm <sup>2</sup> /AWG/kcmil	16
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	63 V

# Flush-type connector - SACC-CI-M12MST-4CON-L180 THR - 1406396

## Approvals

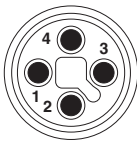
cUL Listed	
mm <sup>2</sup> /AWG/kcmil	16
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	63 V

EAC
-----

cULus Listed
--------------

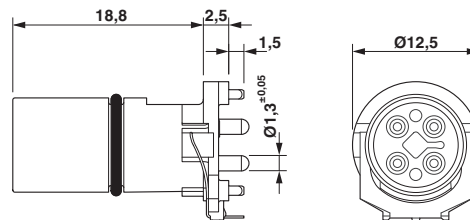
## Drawings

Schematic diagram



Connector pin assignment of M12 plug, 4-pos., T-coded, view of pin side

Dimensional drawing



M12 flush-type connector