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Flush-type connector - SACC-CI-M12MSS-4CON-L180 THR PE - 1406410

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

Why buy this product

- Reduzierte Montagekosten dank zweiteiliger Gerätesteckverbinder
- Alle gängigen Polbilder und Kodierungen verfügbar
- Einfache Geräteintegration durch mechanische Port-Verschraubungen mit Gewindebefestigung, Einpresskontur oder zur direkten Integration in die Frontplatte
- Zusätzliche Abdichtung zum Gerät im ungesteckten Zustand

Key Commercial Data

Packing unit	20 STK
Minimum order quantity	20 STK
GTIN	4 046356 804332

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 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	630 V
Rated surge voltage	6 kV
Number of positions	4
Insulation resistance	≥ 100 MΩ
Coding	S power

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Technical data

General

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

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

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Approvals

Approvals

Approvals

EAC / UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approvals submitted

Approval details

EAC

UL Listed

mm²/AWG/kcmil	16
Nominal current IN	12 A
Nominal voltage UN	600 V

cUL Listed

mm²/AWG/kcmil	16
Nominal current IN	12 A
Nominal voltage UN	600 V

cULus Listed

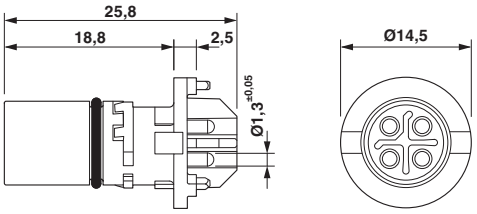
Drawings

Flush-type connector - SACC-CI-M12MSS-4CON-L180 THR PE - 1406410

Schematic diagram

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

Dimensional drawing



M12 flush-type connector

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Product	Code	Reference	Product link
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