

Bus system flat-type plug - SACC-CI-M12FSD-4CON-L180 THR - 1414071

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Bus system flush-type socket, Ethernet, 4-pos., D-coded, with straight THR solder connection, only contact insert

The figure shows A-coded version

Your advantages

- ✓ Reduced mounting costs thanks to two-piece device connector
- ✓ Packaging available for automated pick and place assembly
- ✓ 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

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	60 pc
GTIN	 4 055626 063898
GTIN	4055626063898
Custom tariff number	85389099
Country of origin	Germany

Technical data

Ambient conditions

Degree of protection	IP67
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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
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Technical data

General

	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	250 V
Rated surge voltage	2.5 kV
Number of positions	4
Insulation resistance	≥ 100 MΩ
Coding	D - data
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	THR solder connection
Insertion/withdrawal cycles	> 100
Torque	3 Nm ... 4 Nm (Installation-side)
Mounting type	PCB mounting
Type of packaging	Tray

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA6T
Sealing material	FKM

Cable

Standards/specifications	M12 connector IEC 61076-2-101
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Standards and Regulations

Standards/specifications	M12 connector IEC 61076-2-101
Flammability rating according to UL 94	V0

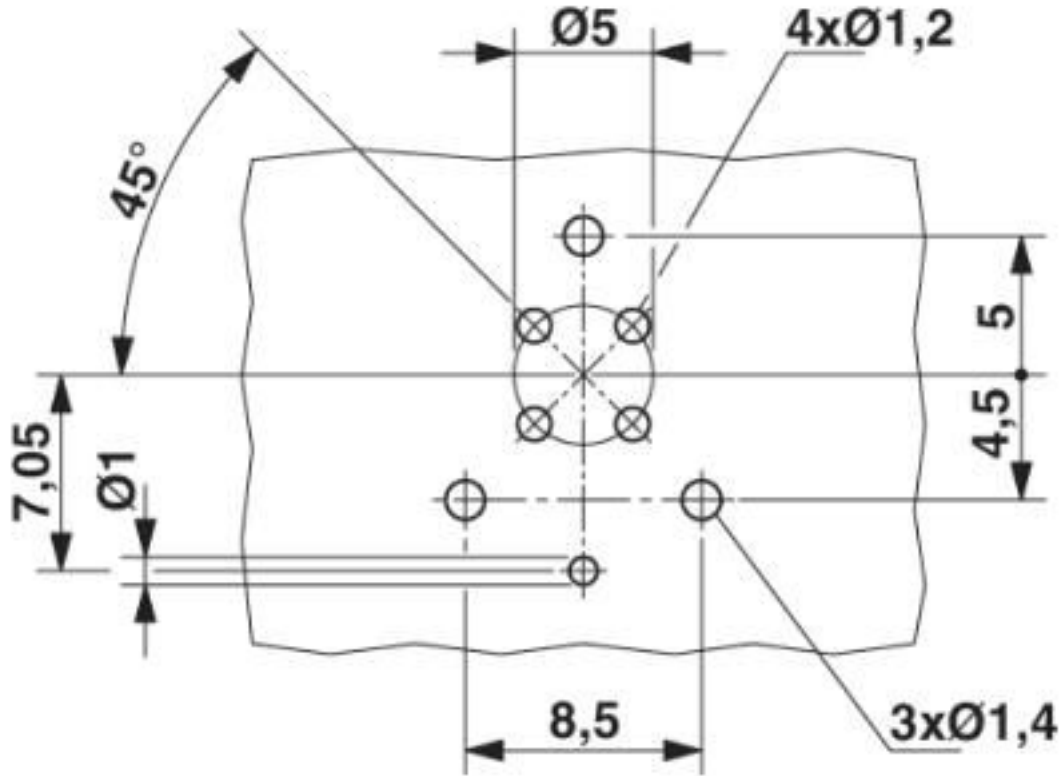
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Bus system flat-type plug - SACC-CI-M12FSD-4CON-L180 THR - 1414071

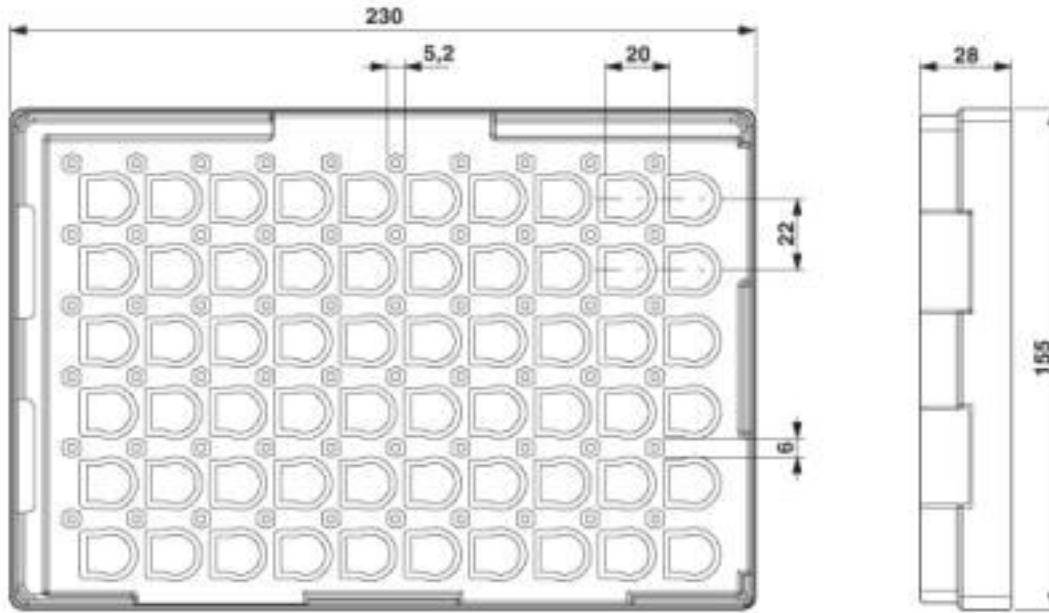
Drilling diagram



Drilling diagram

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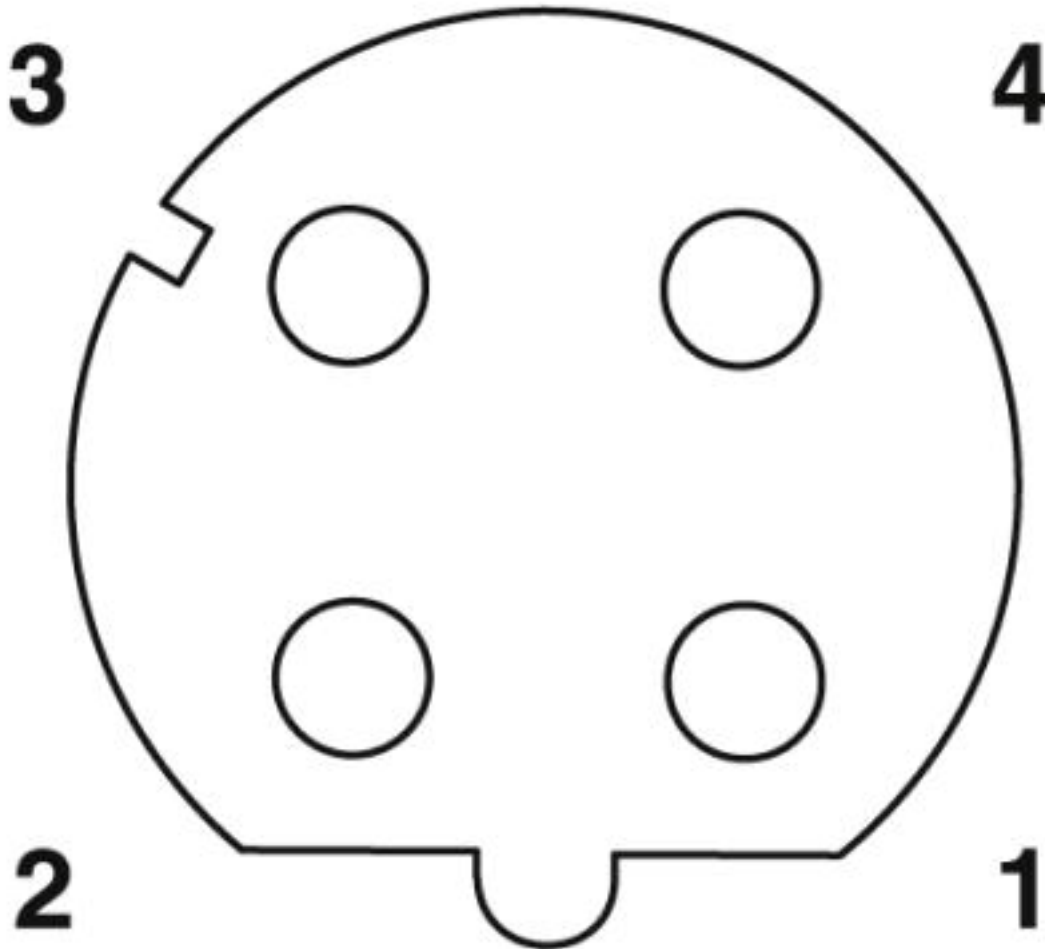
Dimensional drawing



THR tray packaging

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Schematic diagram



Pin assignment M12 socket, 4-pos., D-coded, female side

Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27279200
eCl@ss 7.0	27440103
eCl@ss 8.0	27440103

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Classifications

eCl@ss

eCl@ss 9.0	27440102
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ETIM

ETIM 5.0	EC002061
ETIM 6.0	EC002061

UNSPSC

UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121413

Approvals


Approvals


Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN		250 V	
Nominal current IN		4 A	
mm ² /AWG/kcmil		22	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN		250 V	

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Approvals

Nominal current IN	4 A
mm ² /AWG/kcmil	22

cULus Recognized

Accessories

Accessories

Contact insert

Sample set - SACC-CIM12FSD4PL180THRSAMPLE - 1413557



Bus system flush-type socket, Ethernet, 4-pos., D-coded, with straight THR solder connection, only contact insert

Panel mounting base

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-DSIV-M12-NUT - 1416144



Housing screw connection with M12 standard thread, with O-ring, for the two-piece straight M12 THR contact carrier and for the two-piece angled M12 contact carrier

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Accessories

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-BP-F-M12/M15-6-THR - 1414004



Housing screw connection, Socket, M12, Rear mounting, M15 x 1

Housing screw connection - SACC-BP-F-M12/M15-7-THR - 1414003



Housing screw connection, Socket, M12, Rear mounting, M15 x 1

Housing screw connection - SACC-BP-F-M12/M15-6-THR SCO - 1414020



Housing screw connection, Socket, M12-SPEEDCON, Rear mounting, M15 x 1

Housing screw connection - SACC-BP-F-M12/M15-7-THR SCO - 1414005



Housing screw connection, Socket, M12-SPEEDCON, Rear mounting, M15 x 1

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Accessories

Housing screw connection - SACC-BP-F-M12/THR-1,0/1,8-9TIP - 1419630



M12 threaded sleeve with tolerance-compensating function, for straight, THR solderable M12 socket contact inserts. Suitable for 1.0 mm ... 1.8 mm thick front plates.

Housing screw connection - SACC-BP-F-M12/THR-1,7/2,5-9TIP - 1419631



M12 threaded sleeve with tolerance-compensating function, for straight, THR solderable M12 socket contact inserts. Suitable for 1.7 mm ... 2.5 mm thick front plates.

Housing screw connection - SACC-BP-F-M12/THR-2,4/3,2-9TIP - 1419633



M12 threaded sleeve with tolerance-compensating function, for straight, THR solderable M12 socket contact inserts. Suitable for 2.4 mm ... 3.2 mm thick front plates.

Housing screw connection - SACC-BP-F-M12/THR-3,1/3,9-9TIP - 1419634



M12 threaded sleeve with tolerance-compensating function, for straight, THR solderable M12 socket contact inserts. Suitable for 3.1 mm ... 3.9 mm thick front plates.

Housing screw connection - SACC-M12 NUT PRESS - 1437889



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

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Accessories

Housing screw connection - SACC-DSIV-M12-NUT-9 THR - 1417989



M12 female connector, front mounting THR with M14 screw fastening

Housing screw connection - SACC-BP-F-M12-THR PP - 1027662



Housing screw connection, Socket, M12-Push-Pull, Rear mounting, M16, THR- und Wellenlötkontakte

Housing screw connection - SACC-FP-F-M12-THR PP - 1027678



Housing screw connection, Socket, M12-Push-Pull, Front mounting, M14 x 1, THR- und Wellenlötkontakte

Plug for cable screw gland

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

Bus system flat-type plug - SACC-CI-M12FSD-4CON-L180 THR - 1414071

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
