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

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

Key commercial data

package_quantity	60
GTIN	4046356153690

Technical data

Ambient conditions

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

General

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
Surge voltage category	II
Pollution degree	3
Connection method	THR solder connection
Insertion/withdrawal cycles	> 100
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

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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	27449001

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

approvals

UL Recognized / GOST / GOST /

Approval details

UL Recognized

Nominal voltage UN	60 V
Nominal current IN	4 A
mm²/AWG/kcmil	26-20

GOST

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accessories

Panel mounting base

SACC-M12-SCO NUT - 1552243



SACC-M12-SCO NUT L 90 - 1432460



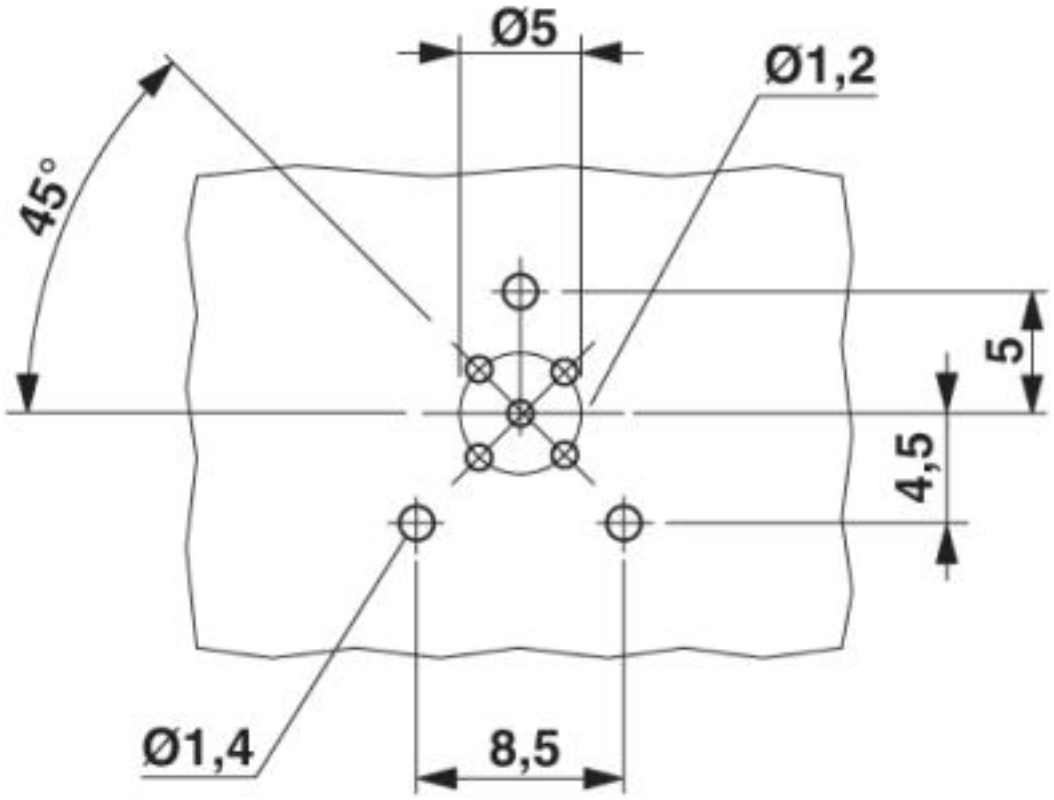
SACC-M12 NUT PRESS - 1437889



Drawings

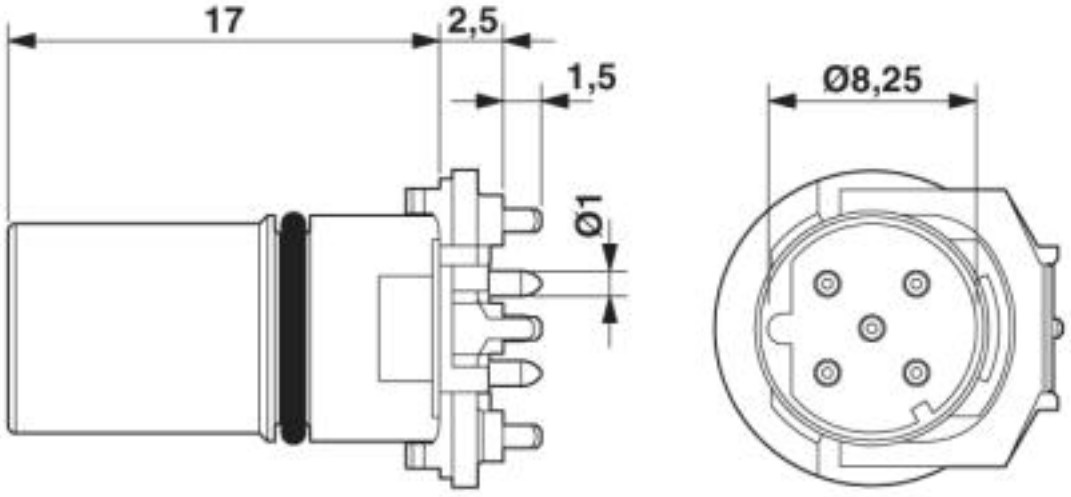
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Drilling diagram



Drilling diagram

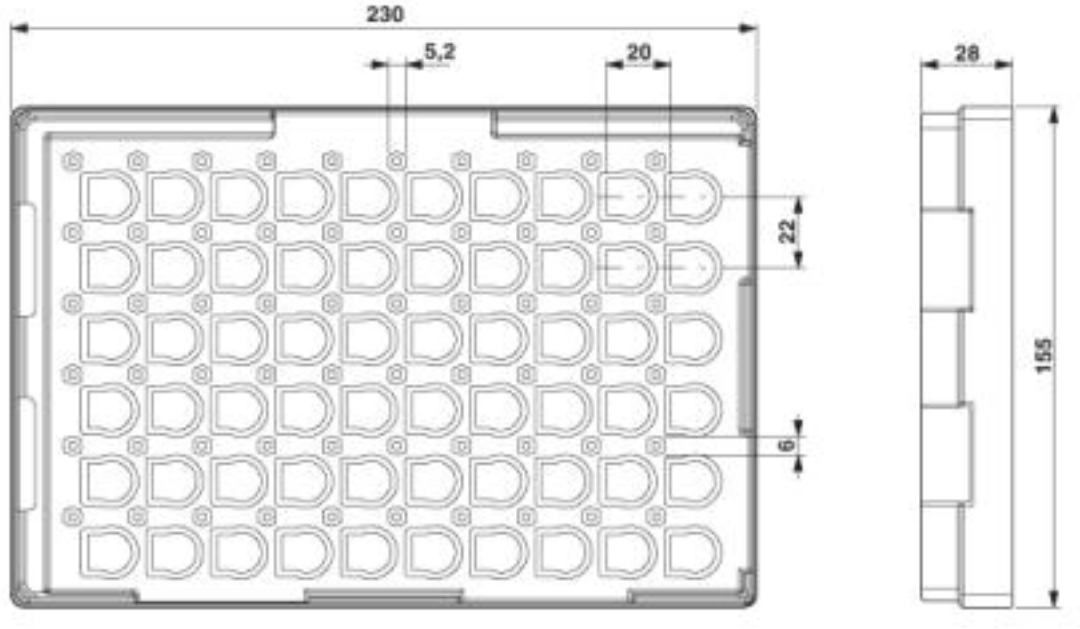
Dimensioned drawing



M12 female connector contact carrier

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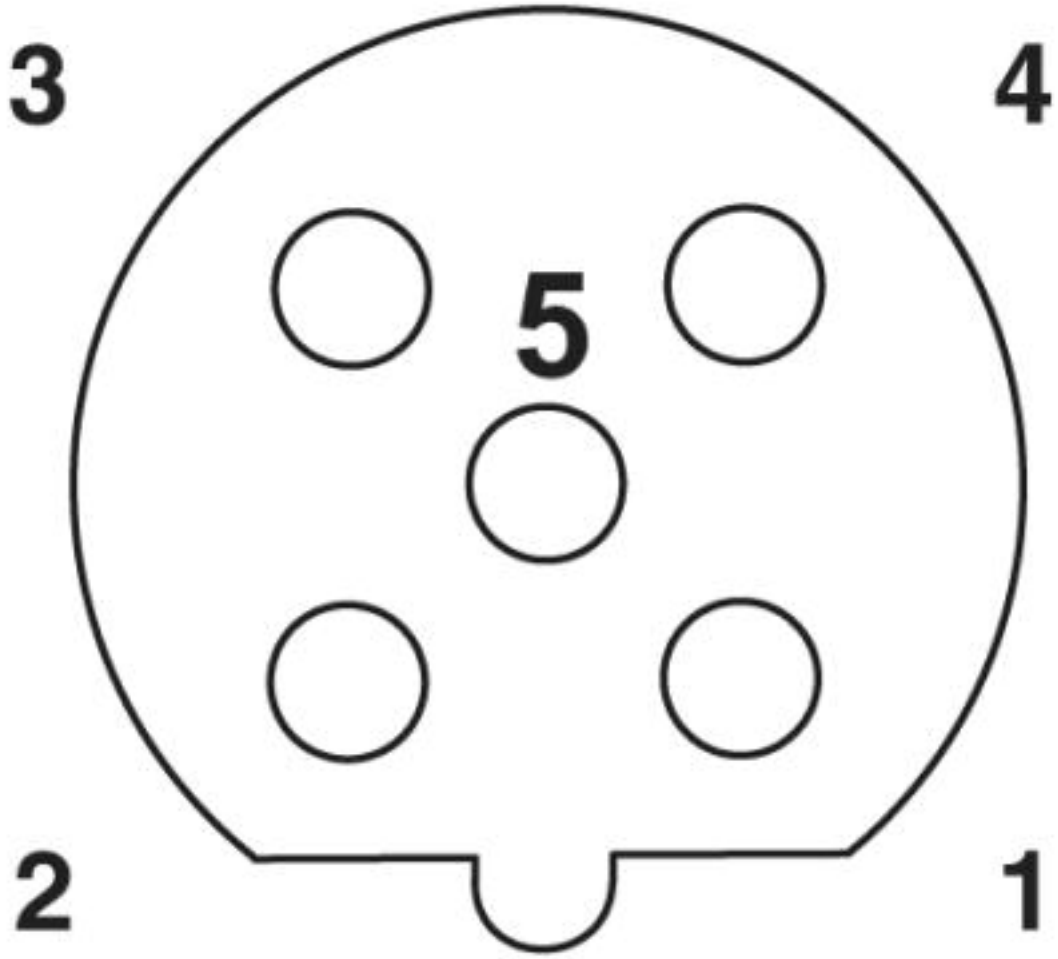
Dimensioned drawing



THR tray packaging

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Schematic diagram



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

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