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PHŒNIX CONTACT

Flush-type connector - SACC-DSIV-FS-4CON-L180SCOTHRSH - 1440009

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Sensor/actuator flush-type connector, socket, 4-pos., A-coded, M12 SPEEDCON, shielded, rear/screw mounting with M12 thread, with straight THR solder connection

SPEEDCON *LOCKING*

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	4 A
Rated voltage	60 V
Number of positions	4
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	THR solder connection
Mounting type	Rear mounting M12 x 1 With flat nut

Flush-type connector - SACC-DSIV-FS-4CON-L180SCOTHRSH - 1440009

Technical data

Material

Inflammability class according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PPA
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	FKM / EPDM

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

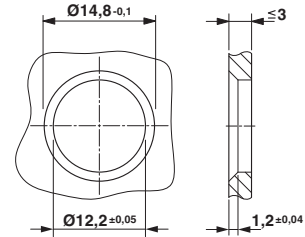| UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Drawings

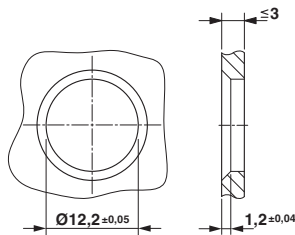# Flush-type connector - SACC-DSIV-FS-4CON-L180SCOTHRSH - 1440009

Schematic diagram
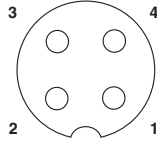
Pin assignment M12 socket, 4-pos., A-coded, view female side

Dimensioned drawing

Ø14,8 -0,1
≤3
Ø12,2 ±0,05
1,2 ±0,04

Housing cut-out for two-part M12 flush-type connectors with THR and wave soldering connection, version 1
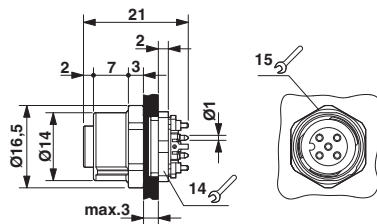
Dimensioned drawing

≤3
Ø12,2 ±0,05
1,2 ±0,04

Housing cut-out for two-part M12 flush-type connectors with THR and wave soldering connection, version 2
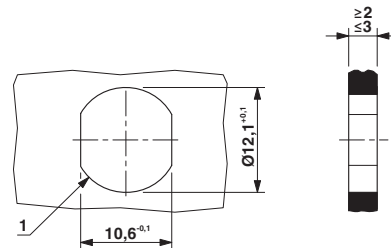
Drilling diagram

Ø5
Ø1,2
45°
5
4,5
7,05
Ø1,4
8,5
Ø1

Dimensioned drawing

21
2
2
7
3
Ø1
15
Ø16,5
Ø14
14
max.3
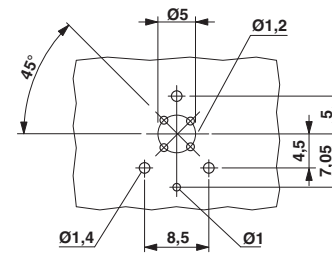
M12 flush-type connector

Dimensioned drawing

≥2
≤3
Ø12,1 +0,1
1
10,6 -0,1
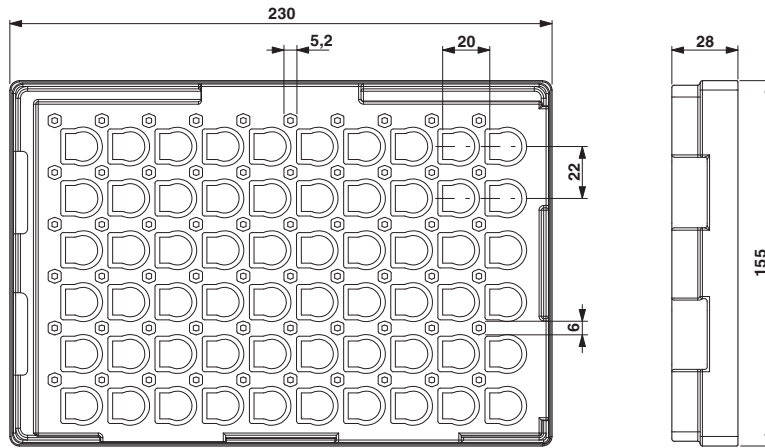
Housing cutout for M12 fastening thread, mounting panel with feed-through hole (alternative with surface as protection against rotation)

Flush-type connector - SACC-DSIV-FS-4CON-L180SCOTHRSH - 1440009

Dimensioned drawing

THR tray packaging