SACC-DSIV-MS-4CON-L180 SCO THR - Device connector rear mounting

1439971

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

Commercial data

Item number	1439971
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AB23
Product key	ABQYAA
Catalog page	Page 32 (PC-2009)
GTIN	4046356476676
Weight per piece (including packing)	8.27 g
Weight per piece (excluding packing)	8.27 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Mounting

Mounting type	Rear mounting M12 x 1 With flat nut
Assembly instructions	With flat nut

Product properties

Product type	Circular connectors (device side)
Number of positions	4
Shielded	no
Coding	A

Insulation characteristics	
Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	HB
Seal material	FKM / EPDM
Contact surface material	Au
Contact carrier material	PPA

Electrical properties

Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U_N	250 V
Nominal current I_N	4 A

Connection data

Conductor connection	
Connection method	THR solder connection

Connector

Connection 1	
Head design	Plug
Head cable outlet	straight
Head thread type	M12
Head locking type	SPEEDCON
Coding	A

Environmental and real-life conditions

Ambient conditions

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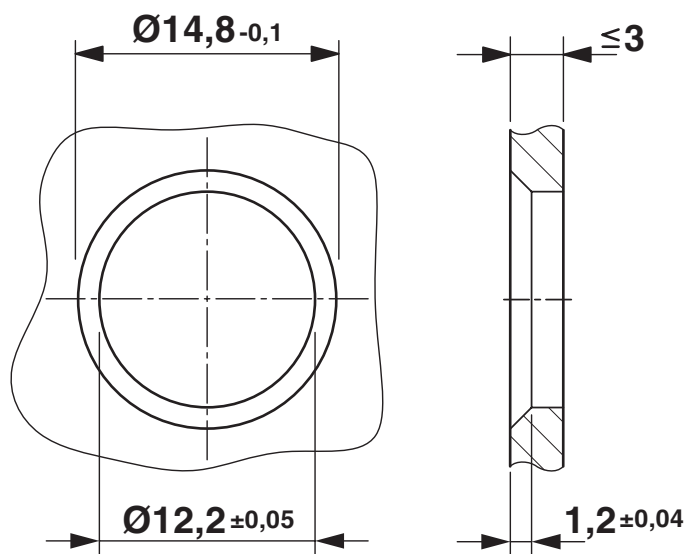| Degree of protection	IP67
	IP67
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)

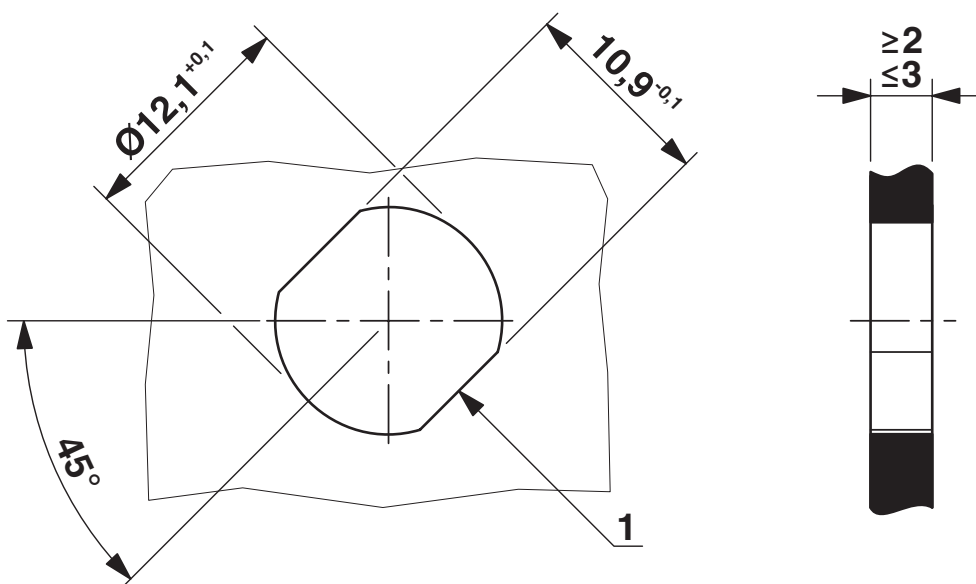# SACC-DSIV-MS-4CON-L180 SCO THR - Device connector rear mounting

Drawings

Dimensional drawing

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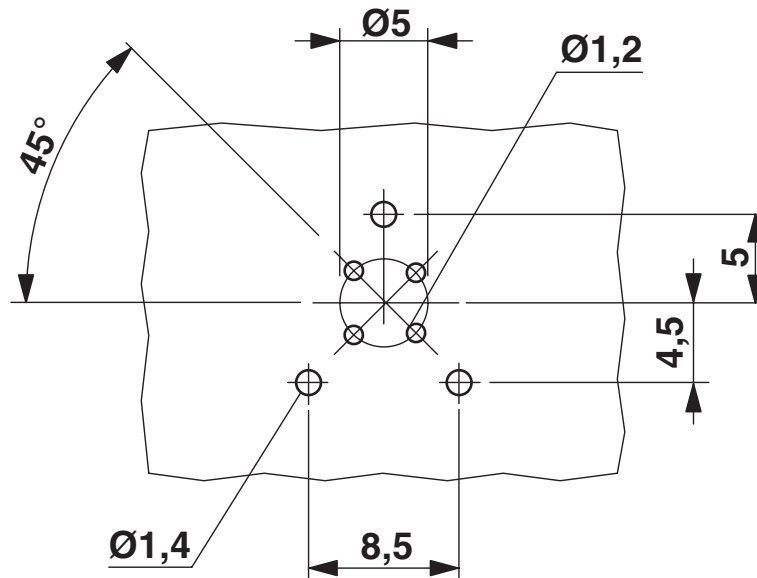
Dimensional drawing

Housing cutout for M12 fastening thread, mounting panel with feed-through hole (alternative with surface as protection against rotation)

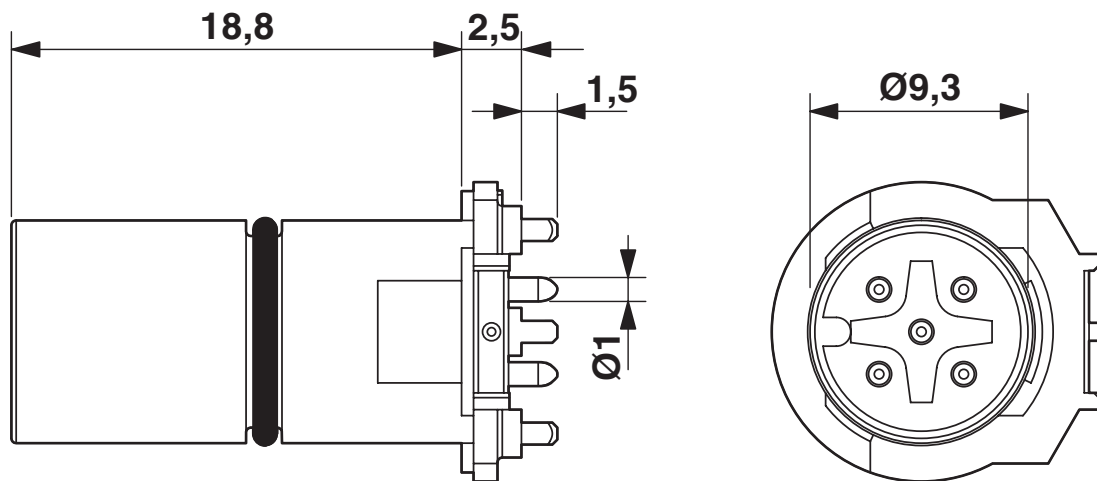# SACC-DSIV-MS-4CON-L180 SCO THR - Device connector rear mounting

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Drilling plan/solder pad geometry

Dimensional drawing

M12 flush-type connector

Schematic diagram

4 **3**

1 **2**
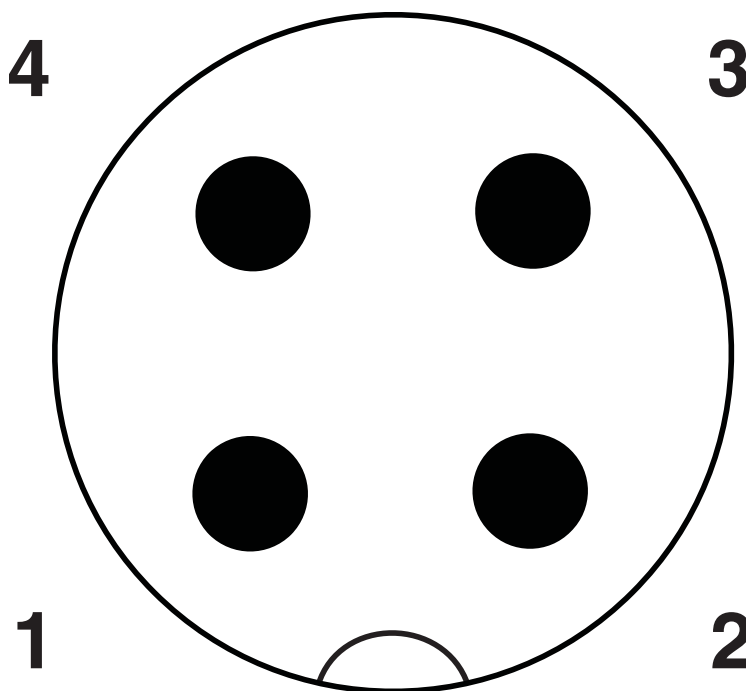
Pin assignment M12 plug, 4-pos., A-coded, view plug side

Dimensional drawing

230

5,2

20

22

6

28

155
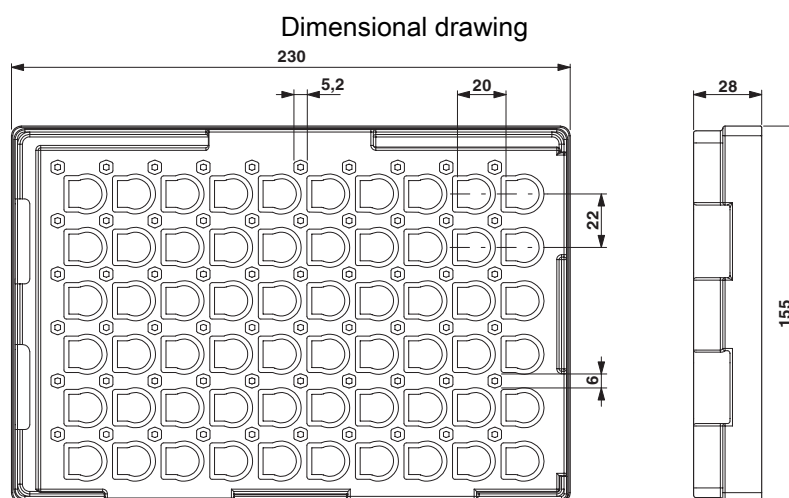
THR tray packaging

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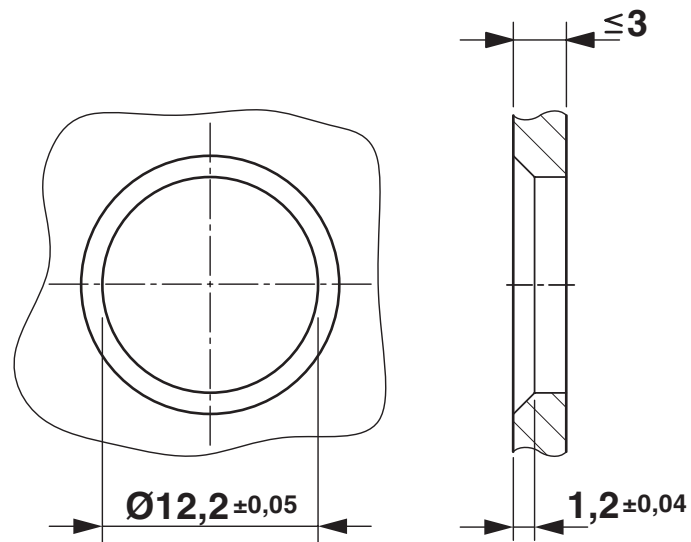
Housing cut-out for two-part M12 flush-type connectors with THR and wave soldering connection, version 2

Classifications

ECLASS

ECLASS-11.0	27440102

ETIM

ETIM 8.0	EC002635

UNSPSC

UNSPSC 21.0	39121400

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)

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