

Flush-type connector - SACC-DSIV-FS-8CON-L180-THR SH - 1557549

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Sensor/actuator flush-type connector, socket, 8-pos., M12 SPEEDCON, A-coded, shielded, rear/screw mounting with M12 thread, with straight THR solder connection

Key Commercial Data

Packing unit	60 STK
GTIN	 4 046356 284066

Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C
	-40 °C ... 85 °C (without mechanical actuation)
Degree of protection	IP67

General

Rated current at 40°C	2 A
Rated voltage	30 V
Number of positions	8
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	THR solder connection
Insertion/withdrawal cycles	≥ 100
Mounting type	Rear mounting M12 x 1 With flat nut

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA 66
Material of grip body	Zinc die-cast, nickel-plated

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Technical data

Material

Material, knurls	Zinc die-cast, nickel-plated
Sealing material	FKM / EPDM

Standards and Regulations

Flammability rating according to UL 94	V0
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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	27440103

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

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

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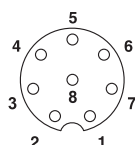
Approvals

Approval details

EAC

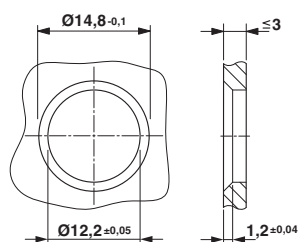
Drawings

Schematic diagram



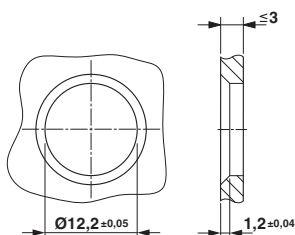
Pin assignment M12 socket, 8-pos., A-coded, view female side

Dimensional drawing



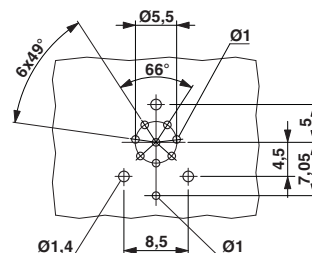
Housing cut-out for two-part M12 flush-type connectors with THR and wave soldering connection, version 1

Dimensional drawing

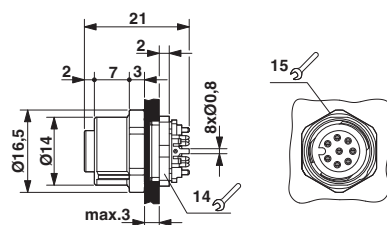


Housing cut-out for two-part M12 flush-type connectors with THR and wave soldering connection, version 2

Drilling diagram

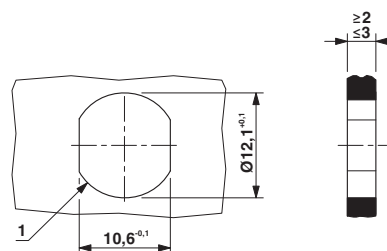


Dimensional drawing



M12 flush-type connector

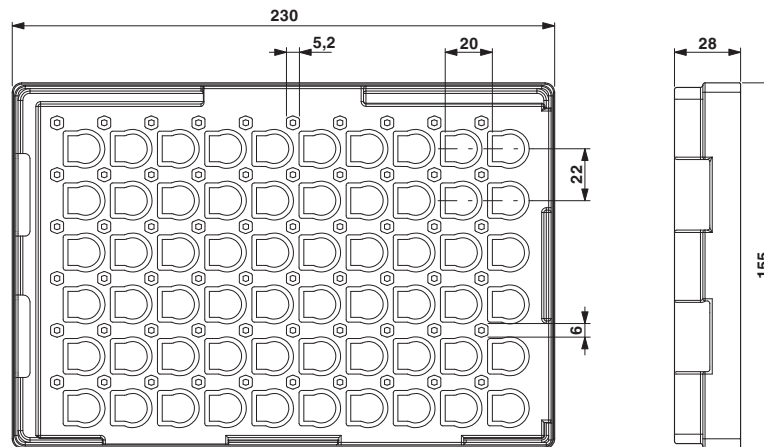
Dimensional drawing



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

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Dimensional drawing



THR tray packaging

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