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Bus system flat-type plug - SACC-DSIV-FSD-4CON-L180 SCOTHR - 1542648


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Bus system flush-type socket, Ethernet, 4-pos., M12 SPEEDCON, D-coded, rear/screw mounting with M12 thread, with polarity protection, with straight THR solder connection



Key Commercial Data

Packing unit	60 STK
GTIN	 4 046356 097918

Technical data

Ambient conditions

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

General

Note	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 8.2 Connectors for Outside Environment (Balanced cabling)
Rated current at 40°C	4 A
Rated voltage	250 V
Number of positions	4
Insulation resistance	≥ 100 MΩ
Coding	D - data
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	THR solder connection
Mounting type	Rear mounting M12 x 1 With flat nut

Material

Bus system flat-type plug - SACC-DSIV-FSD-4CON-L180 SCOTHR - 1542648

Technical data

Material

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

Standards and Regulations

Flammability rating according to UL 94	HB
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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	EC000830
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

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EAC / EAC

Bus system flat-type plug - SACC-DSIV-FSD-4CON-L180 SCOTHR - 1542648

Approvals

Ex Approvals

Approvals submitted

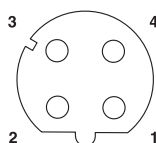
Approval details

EAC

EAC

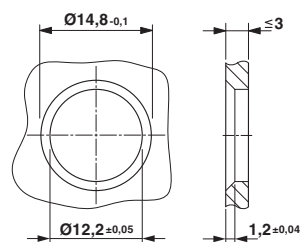
Drawings

Schematic diagram



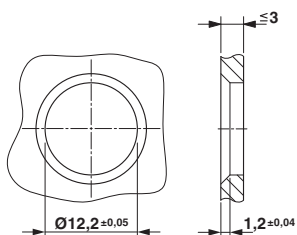
Pin assignment M12 socket, 4-pos., D-coded,
female side

Dimensional drawing



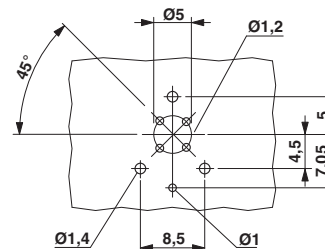
Housing cut-out for two-part M12 flush-type connectors with THR and wave soldering connection,
version 1

Dimensional drawing



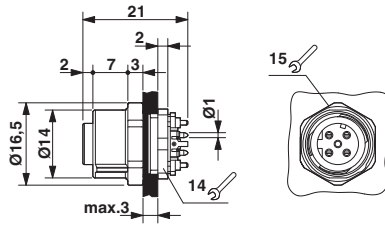
Housing cut-out for two-part M12 flush-type connectors with THR and
wave soldering connection, version 2

Drilling diagram



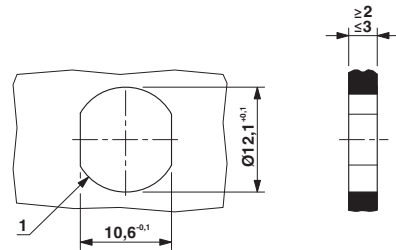
Bus system flat-type plug - SACC-DSIV-FSD-4CON-L180 SCOTHR - 1542648

Dimensional drawing



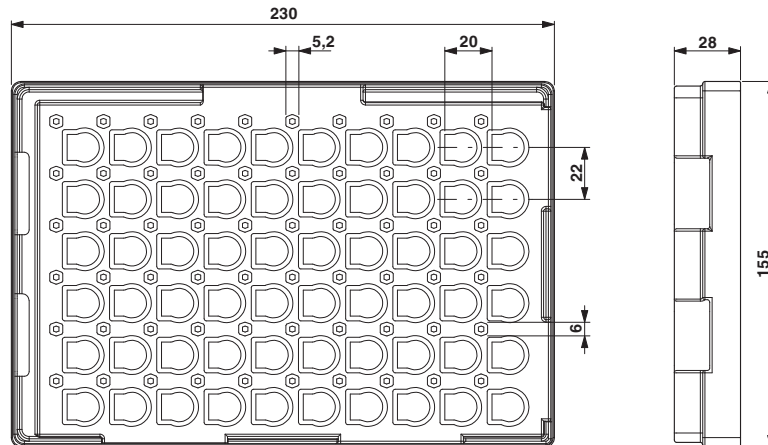
M12 flush-type connector

Dimensional drawing



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

Dimensional drawing



THR tray packaging

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To access the product, [click on the green button.](#)

Product	Code	Reference	Product link
Bus system flush-type socket, ETHERNET, 4-pos., M12 SPEEDCON, D-coded, rear/screw mounting with M12 thread, with polarity protection, with straight THR solder connection	1542648	SACC-DSIV-FSD-4CON-L180 SCOTHR	Buy on EAN