

# Bus system flat-type plug - SACC-DSIV-FSD-4CON-L90 SCO - 1436550

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Bus system flush-type connector, socket, ETHERNET, 4-pos., M12 SPEEDCON, shielded, D-coded, rear/screw mounting with M12 thread, with polarity protection, with angled solder connection



Ethernet



## Key commercial data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	 4 046356 438612
Weight per Piece (excluding packing)	12.7 g
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

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
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	D - data
Status display	No
Surge voltage category	II

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## Technical data

### General

Pollution degree	3
Connection method	Solder pins
Mounting type	Rear mounting M12 x 1 With flat nut

### Material

Inflammability class according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

## 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	EC001855
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

#### Approvals

UL Recognized / EAC

# Bus system flat-type plug - SACC-DSIV-FSD-4CON-L90 SCO - 1436550

## Approvals

Ex Approvals

Approvals submitted

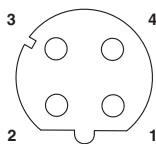
## Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	26-20
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	250 V

EAC

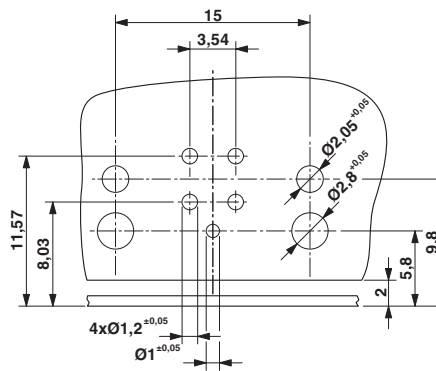
## Drawings

Schematic diagram



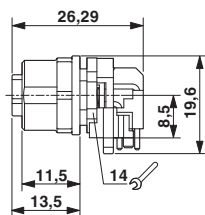
Pin assignment M12 socket, 4-pos., D-coded, female side

Drilling diagram



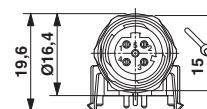
Drilling diagram

Dimensioned drawing



M12 flush-type connector, socket, side view

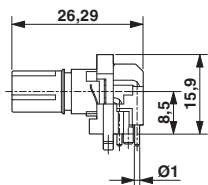
Dimensioned drawing



M12 flush-type connector, socket, front view

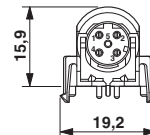
# Bus system flat-type plug - SACC-DSIV-FSD-4CON-L90 SCO - 1436550

Dimensioned drawing



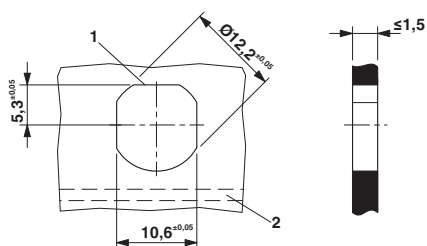
M12 flush-type connector, socket, contact carrier, side view

Dimensioned drawing



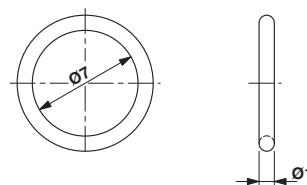
M12 flush-type connector, socket, contact carrier, front view

Dimensioned drawing



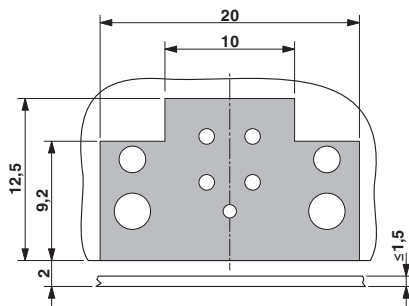
Housing cutout for M12 fastening thread, mounting panel with feed-through hole (alternative with surface as protection against rotation)

Dimensioned drawing



Optionally with O-ring (green) for tight seal when plugged in.  
 - the axial mating force of 80 N per connector may not be exceeded when using with assembled O-ring!  
 - Avoid radial forces!

Dimensioned drawing



Locked area on the PCB