

# SACC-DSI-FS-4CON-L180/SH YE - Device connector rear mounting



1457885

<https://www.phoenixcontact.com/us/products/1457885>

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Bus system flush-type socket, with yellow contact carrier, 4-pos., M12 SPEEDCON, shielded, A-coded, rear/screw mounting with M16 thread, with straight solder connection

## Your advantages

- Easy PCB assembly: one-piece connectors for wave soldering
- All standard pin assignments and codings for signal, data, and power transmission with a uniform design-in design
- For high transmission reliability: optional shield connection to the housing by means of shield contact

## Commercial data

Item number	1457885
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AB23
Product key	ABQYAA
GTIN	4046356617161
Weight per piece (including packing)	14.41 g
Weight per piece (excluding packing)	14.41 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

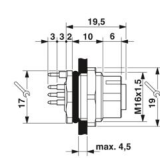
### Product properties

Product type	Circular connectors (device side)
Number of positions	4
Shielded	yes
Coding	A

### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

### Dimensions

Dimensional drawing	
Length of the solder pin	6 mm
	6 mm

### Material specifications

Material Housing	GD-Zn
Material Housing surface	Ni
Material Insulating body	PA 6.6
Material Contact	CuZn
Material Contact surface	Au
Material Seal	NBR
Flammability rating according to UL 94	V0

### Electrical properties

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage $U_N$	250 V
Nominal current $I_N$	4 A

### Connection data

Conductor connection	
Connection method	Solder pins

### Connector

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

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67 (When plugged in)
	IP65 (When plugged in)
	IP65/IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 85 °C (Plug / socket)

## Standards and regulations

### M12

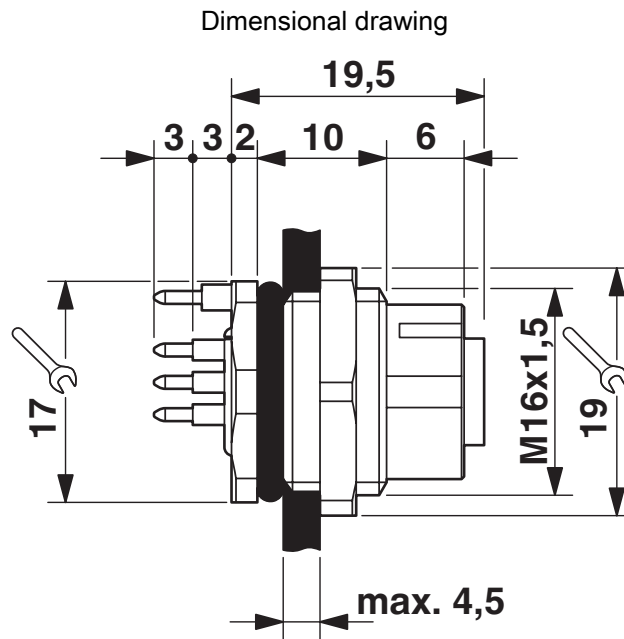
Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101

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## Drawings



M12 flush-type connector

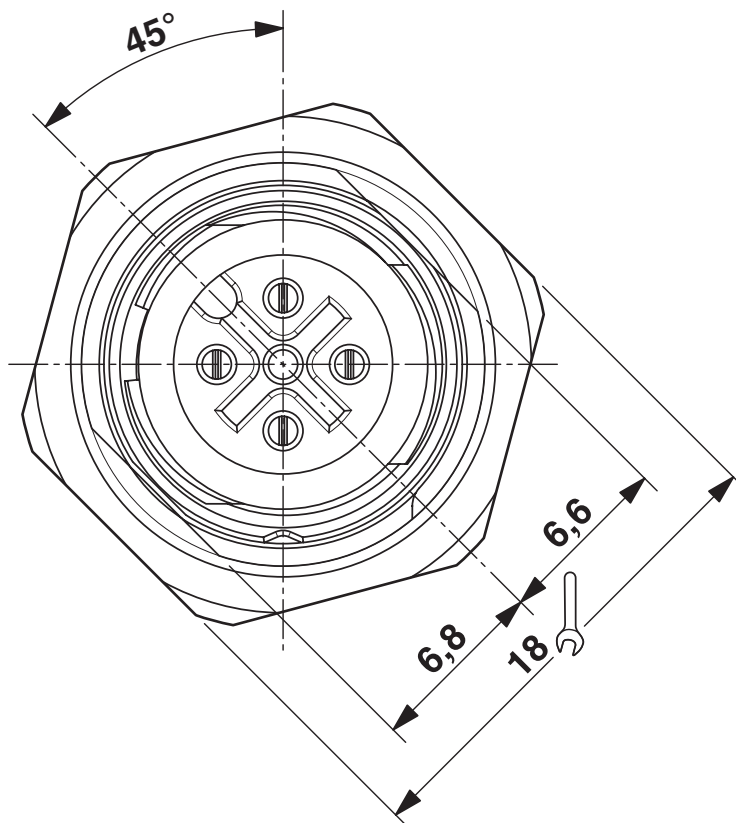
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Dimensional drawing



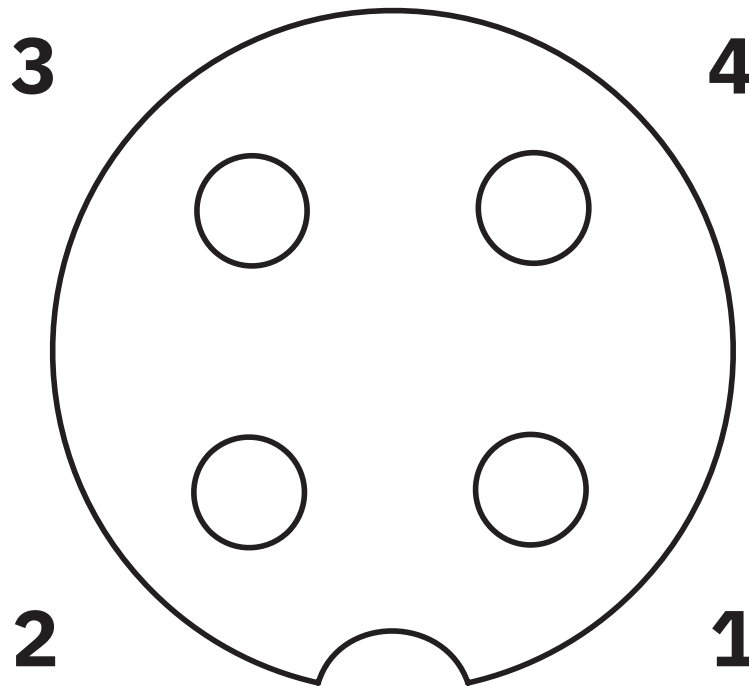
M12 front view

# SACC-DSI-FS-4CON-L180/SH YE - Device connector rear mounting

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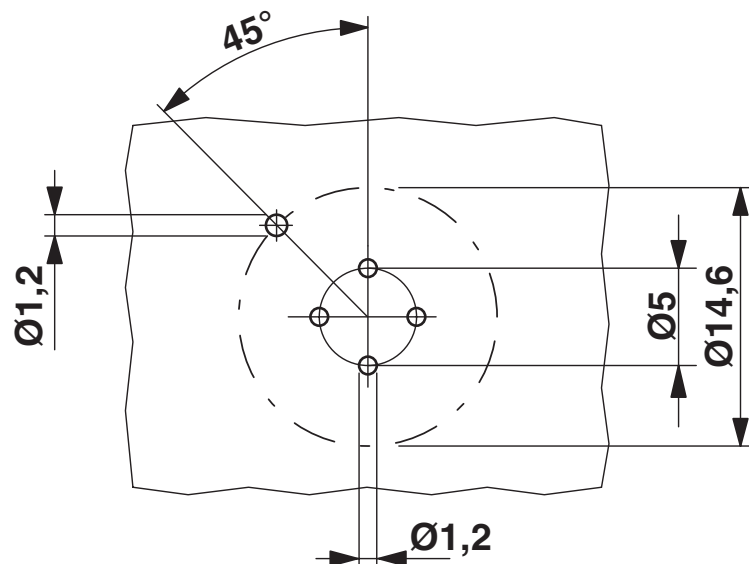
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Schematic diagram



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

Drilling plan/solder pad geometry



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## Environmental product compliance

### 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.)	No substance above 0.1 wt%
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