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
Catalog page	Page 62 (PC-2011)
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

Mounting

Mounting type	Rear mounting Pg9 With flat nut
Assembly note	With flat nut

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
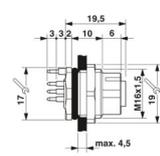
Dimensional drawing	
Length of the solder pin	6 mm
	6 mm

Material specifications

Flammability rating according to UL 94	V0
Seal material	NBR
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Zinc die-cast, nickel-plated

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	Solder pins

Connector

Connection 1

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)	-25 °C ... 85 °C (Plug / socket)

Standards and regulations

M12

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

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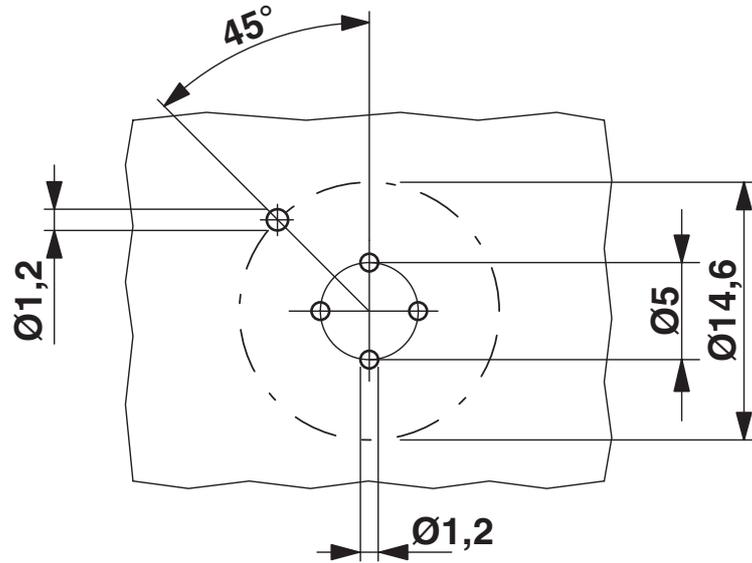
Drawings

Dimensional drawing
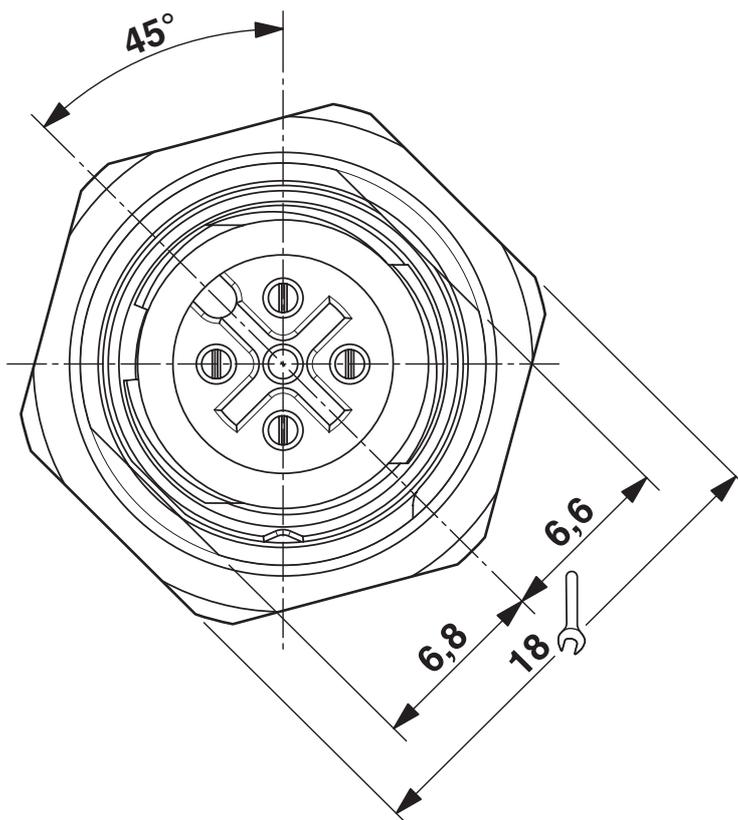
M12 front view

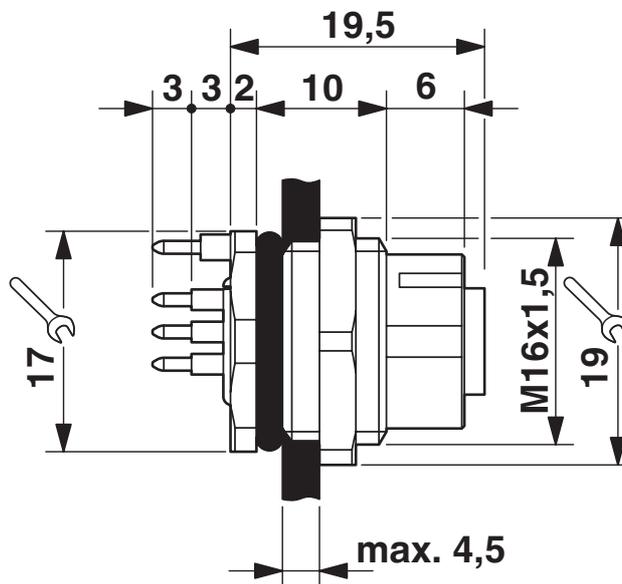# SACC-DSI-FS-4CON-L180/SH YE - Device connector rear mounting

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Drilling plan/solder pad geometry

Dimensional drawing

M12 flush-type connector

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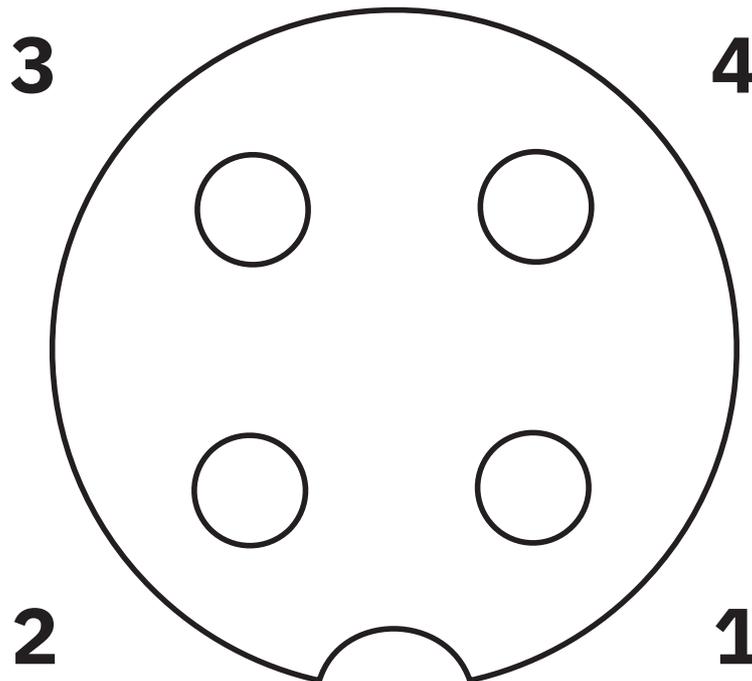
Pin assignment M12 socket, 4-pos., A-coded, view female side

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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%