

# SACC-DSI-M12FSB-5CON-L180 - Device connector rear mounting



1525474

<https://www.phoenixcontact.com/us/products/1525474>

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Illustration shows A-coded variant

Sensor/Actuator flush-type socket, 5-pos., M12, B-coded, rear/screw mounting with Pg9 thread, with straight solder connection

## Commercial data

Item number	1525474
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	ABQYAA
GTIN	4017918953973
Weight per piece (including packing)	13.97 g
Weight per piece (excluding packing)	13.97 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Product properties

Number of positions	5
Shielded	no
Coding	B

### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

### Electrical properties

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage $U_N$	125 V
Nominal current $I_N$	4 A

### Connection data

Connection method	Solder pins
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### Signaling

Status display	no
Status display present	no

### Material specifications

Material Housing	CuZn
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	HB

### Connector

#### Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M12
Coding	B

### Environmental and real-life conditions

#### Ambient conditions

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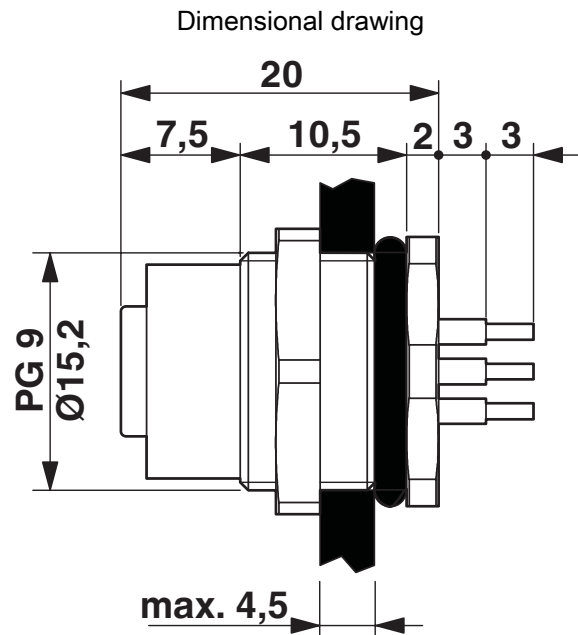
Degree of protection	IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 85 °C (Plug / socket)

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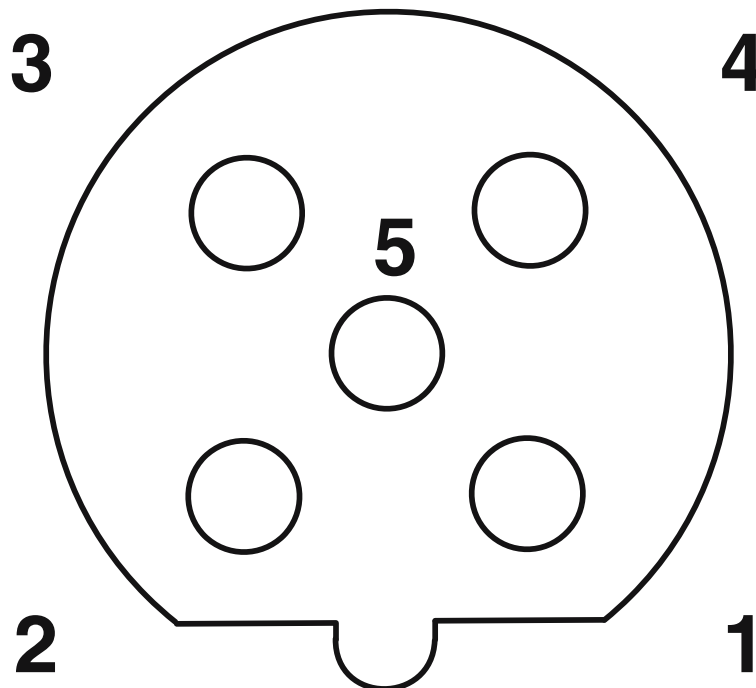
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## Drawings



M12 flush-type connector

Schematic diagram



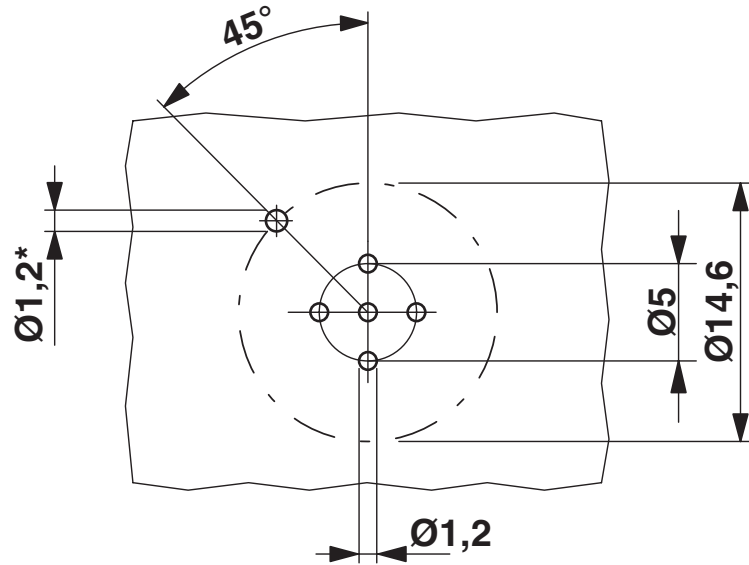
Pin assignment M12 socket, 5-pos., B-coded, female side

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Drilling plan/solder pad geometry



M12 flush-type connector

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## Environmental product compliance

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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