

# SACC-DSI-MS-4P-M12-SCO KD SH - Flush-type connector



1402220

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Sensor/actuator flush-type plug, 4-pos., M12 SPEEDCON, shielded, A-coded, rear/screw mounting with M12 thread, with straight solder connection

## Commercial data

Item number	1402220
Packing unit	20 pc
Minimum order quantity	100 pc
Note	Made to order (non-returnable)
Product key	ABQYAA
GTIN	4046356589192
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	7.674 g
Country of origin	DE

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## Technical data

### Notes

Order information:	Lock nut is included in the scope of delivery
General	Contact connection method: Crimp connection
Notes on operation	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.

### Product properties

Number of positions	4
Shielded	yes
Coding	A

### 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 $U_N$	250 V
Nominal current $I_N$	4 A

### Signaling

Status display	no
Status display present	no

### 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

### Connector

Connection 1	
Head design	Plug
Head cable outlet	straight
Head thread type	M12
Head locking type	SPEEDCON

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Coding

A

## Environmental and real-life conditions

### Ambient conditions

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

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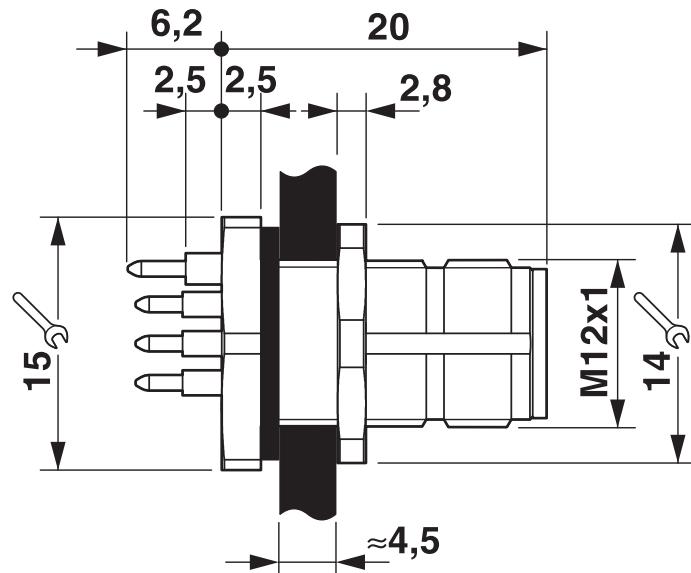


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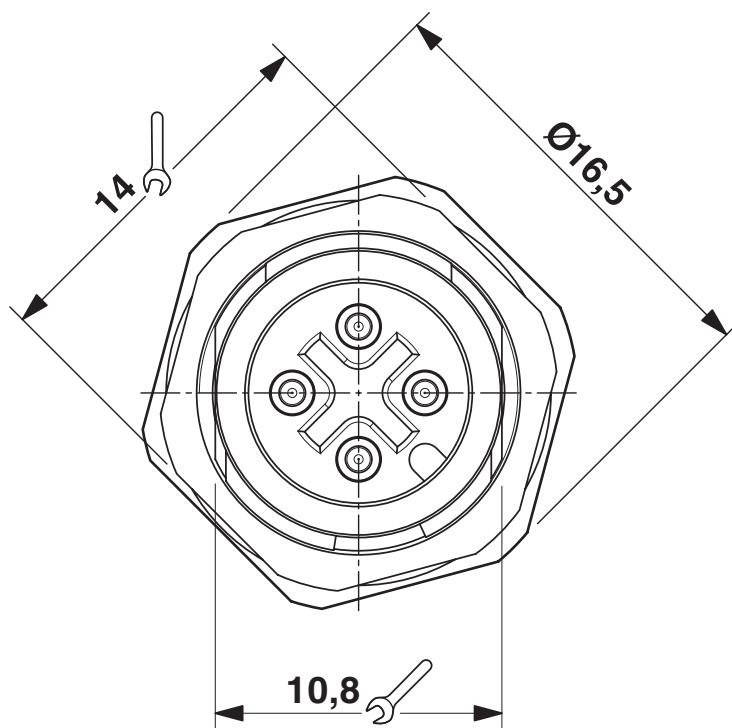
## Drawings

Dimensional drawing



M12 flush-type connector

Dimensional drawing



Front view of M12 flush-type connector

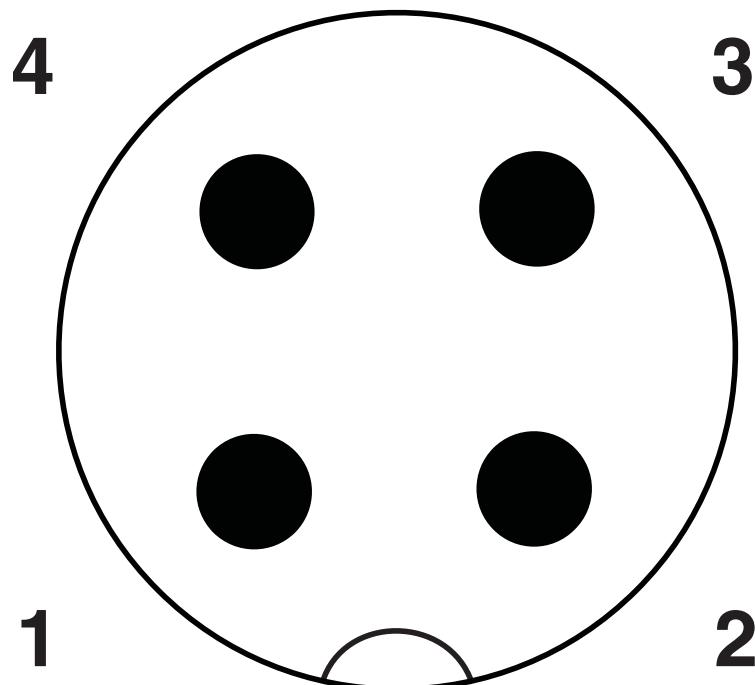
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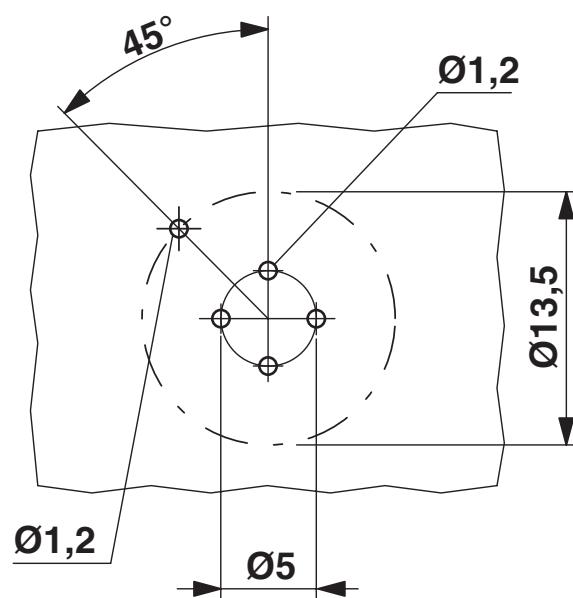
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Schematic diagram



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

Drilling plan/solder pad geometry



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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### 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.)	Lead(CAS: 7439-92-1)
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