

Panel feed-through - SACC-DSI-M12MS-5CON-PG9-L180 - 1409464

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Sensor/actuator flush-type male connector, 5-pos., M12 standard thread, A-coded, rear/screw mounting with Pg9 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



Key Commercial Data

Packing unit	20 pc
Minimum order quantity	20 pc
GTIN	 4 046356 893541
GTIN	4046356893541

Technical data

General

Note	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.
Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Standards/regulations	M12 connector IEC 61076-2-101
Overvoltage category	II
Degree of pollution	3

Material

Flammability rating according to UL 94	V0
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Cable

Standards/specifications	M12 connector IEC 61076-2-101
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Technical data

Standards and Regulations

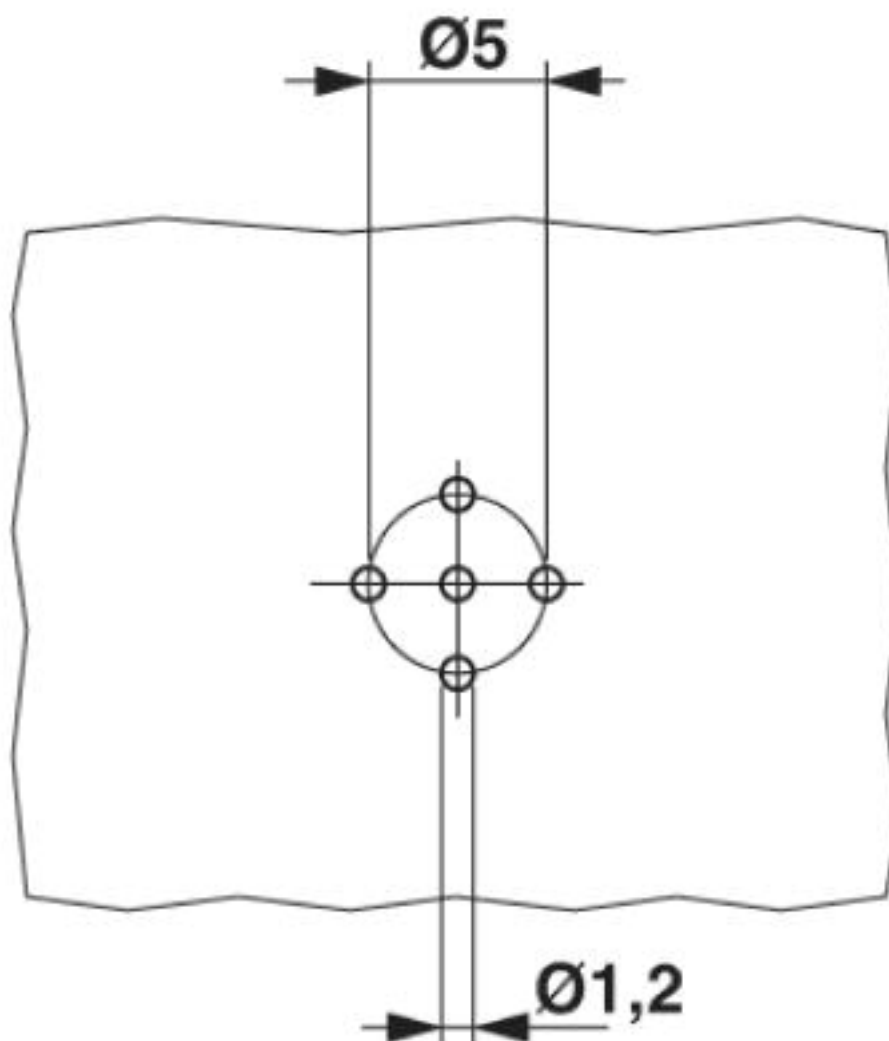
Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	V0

Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

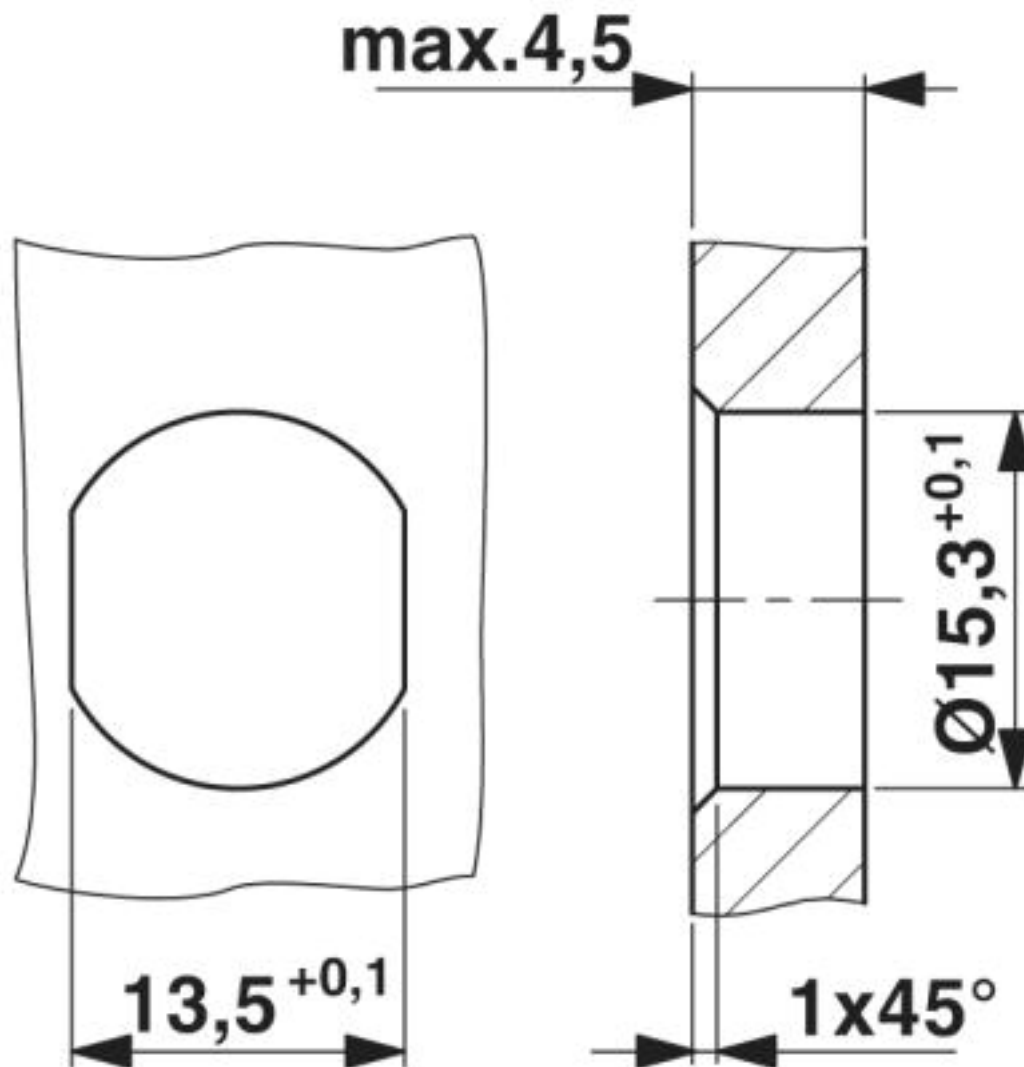
Drawings

Drilling diagram



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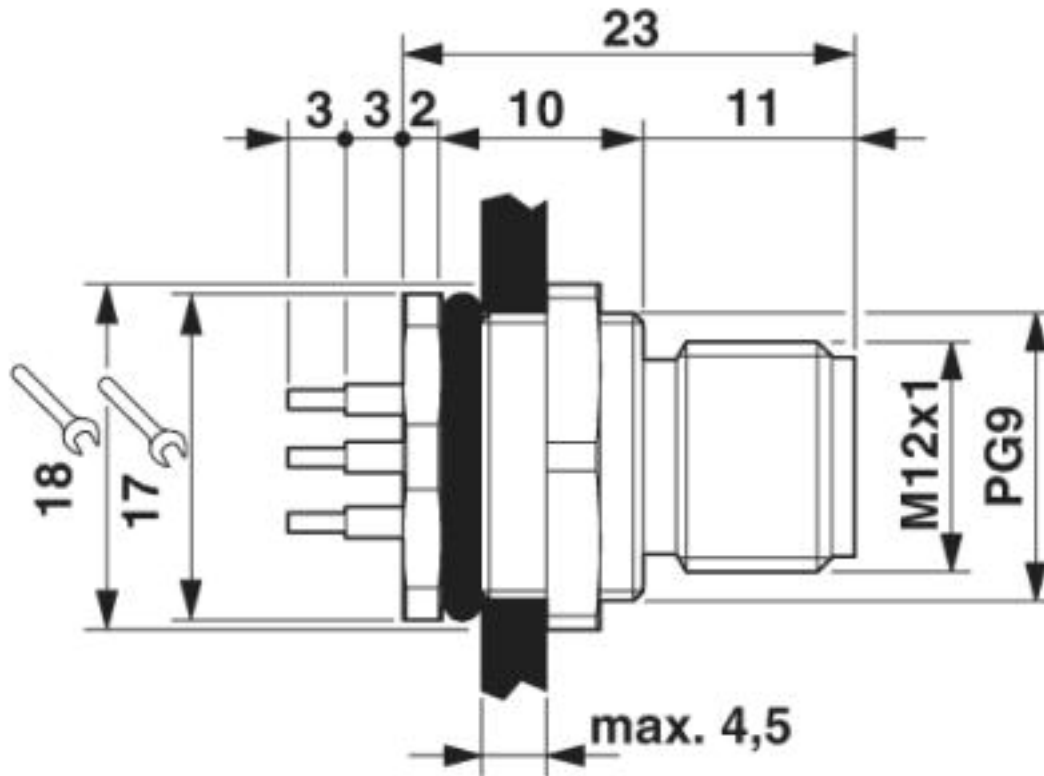
Dimensional drawing



Housing cutout for Pg9 fastening thread, mounting panel with feed-through hole (alternatively with area as anti-rotation protection for panel thicknesses > 2 mm up to max. 4.5 mm)

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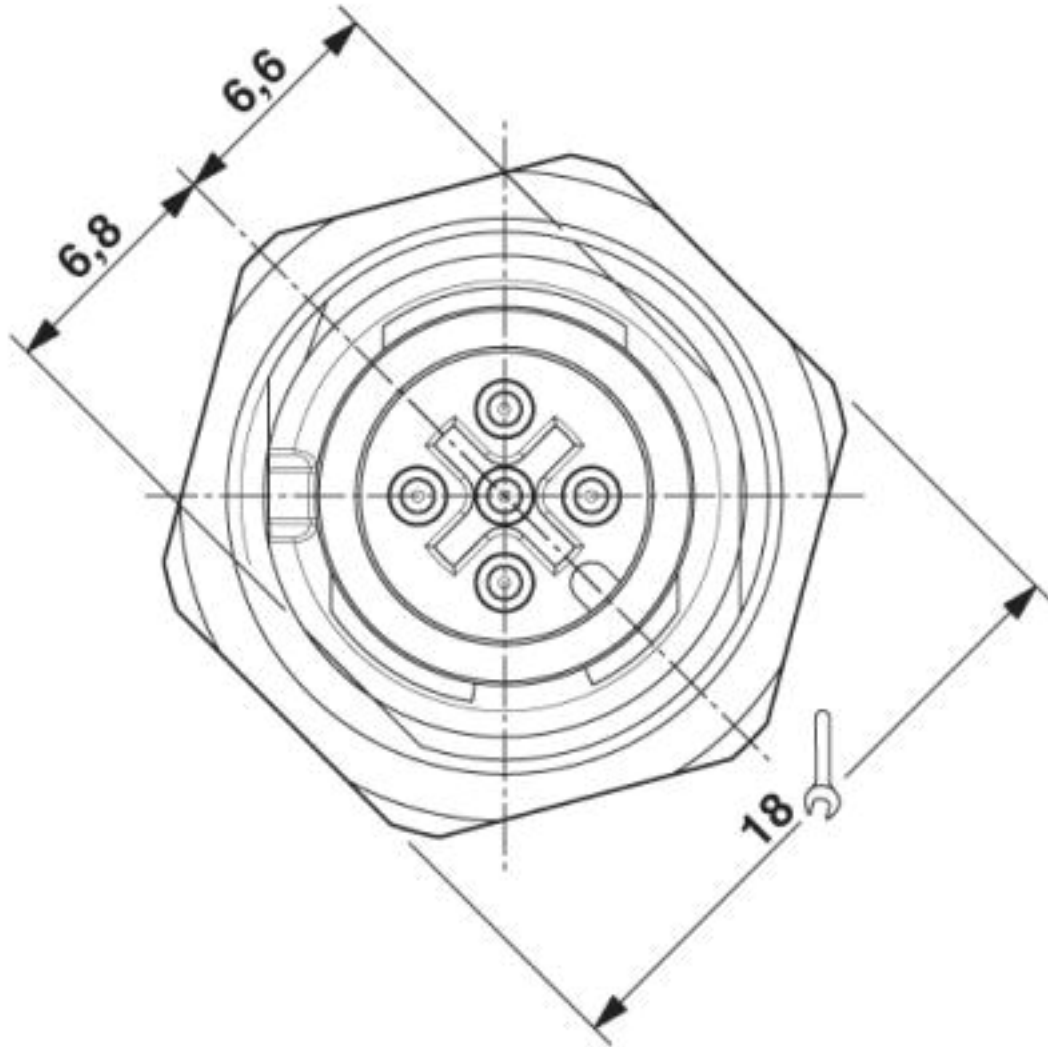
Dimensional drawing



M12 flush-type plug

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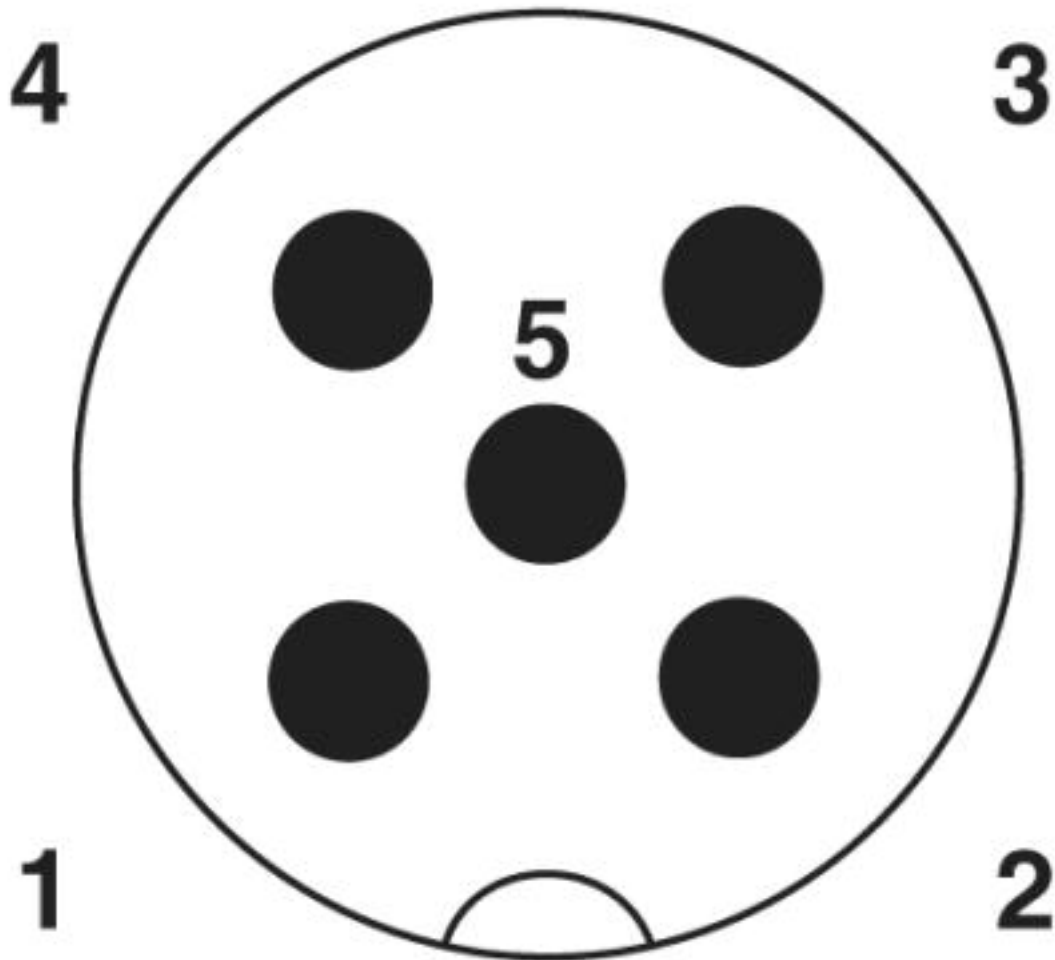
Dimensional drawing



M12 front view

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Schematic diagram



Pin assignment M12 male connector, 5-pos., A-coded, male side

Approvals

Approvals

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EAC

Ex Approvals

Approval details

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Approvals

EAC		B.01742
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