

Flush-type connector - SACC-DSIV-MS-5CON-L90 SCO - 1436602

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Sensor/actuator flush-type connector, connector, 5-pos., M12 SPEEDCON, A-coded, rear/screw mounting with M12 thread, with polarity protection, with angled solder connection



Key Commercial Data

Packing unit	10 pc
GTIN	 4 046356 438674
GTIN	4046356438674

Technical data

Ambient conditions

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

General

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Solder pins
Mounting type	Rear mounting M12 x 1 With flat nut

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au

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Technical data

Material

Contact carrier material	PA 6.6
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Standards and Regulations

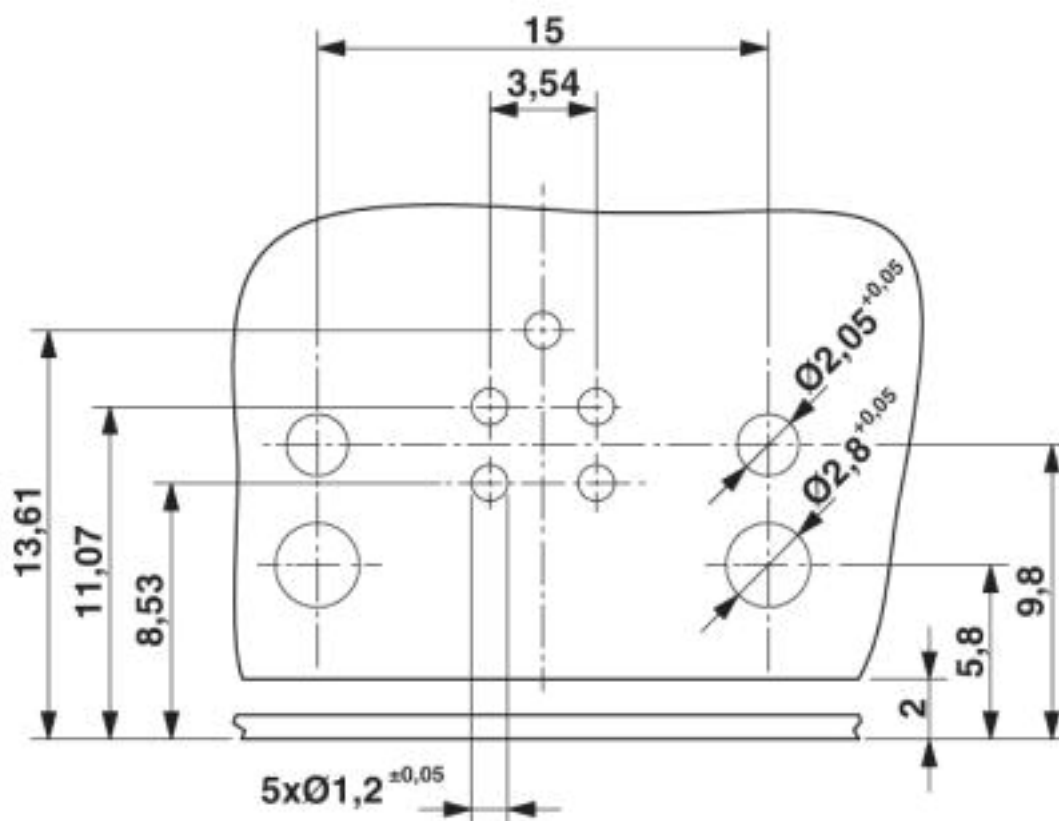
Flammability rating according to UL 94	V0
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Environmental Product Compliance

	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

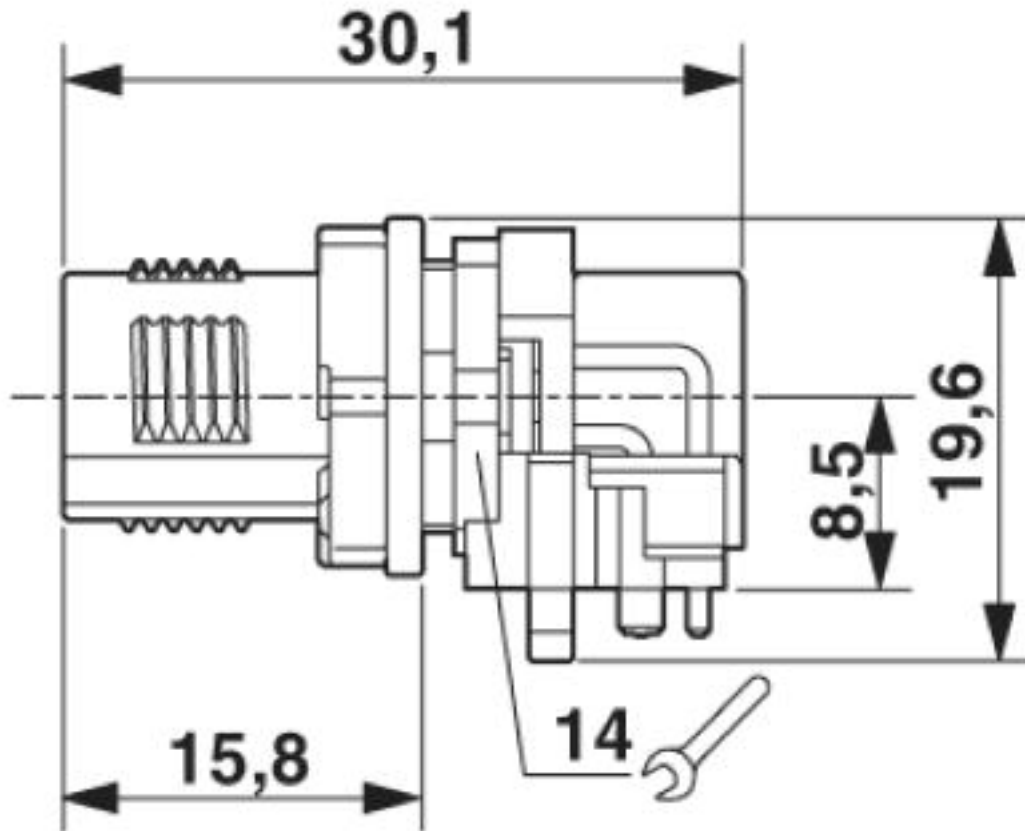
Drilling diagram



Drilling diagram

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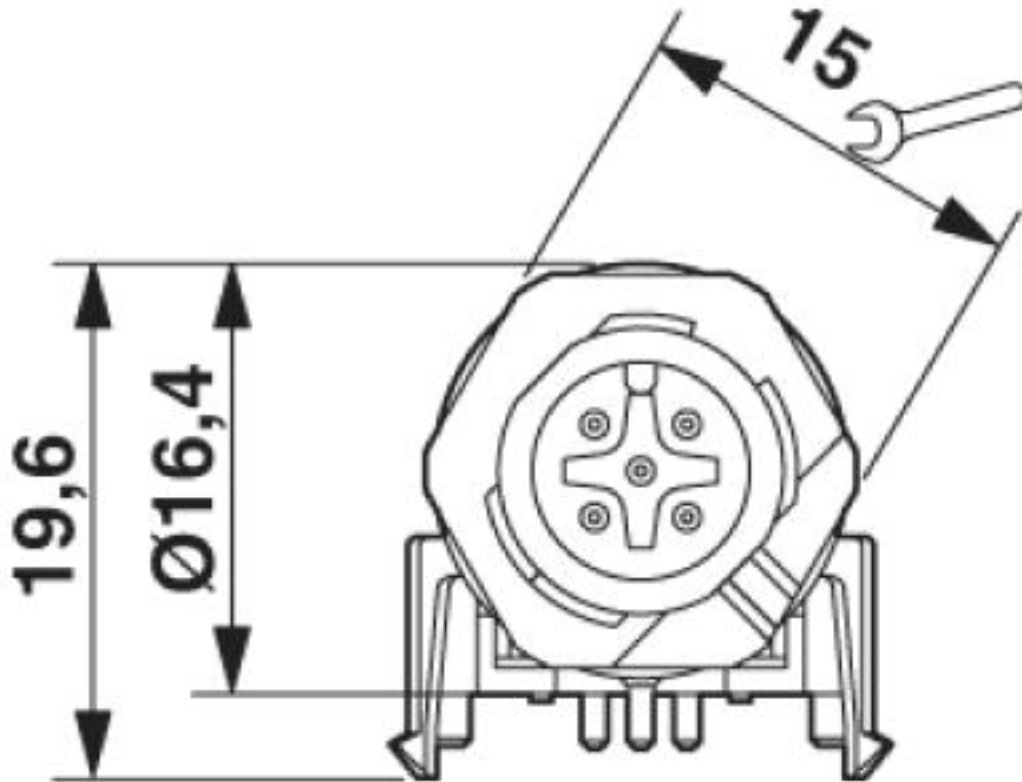
Dimensional drawing



M12 flush-type connector, connector, side view

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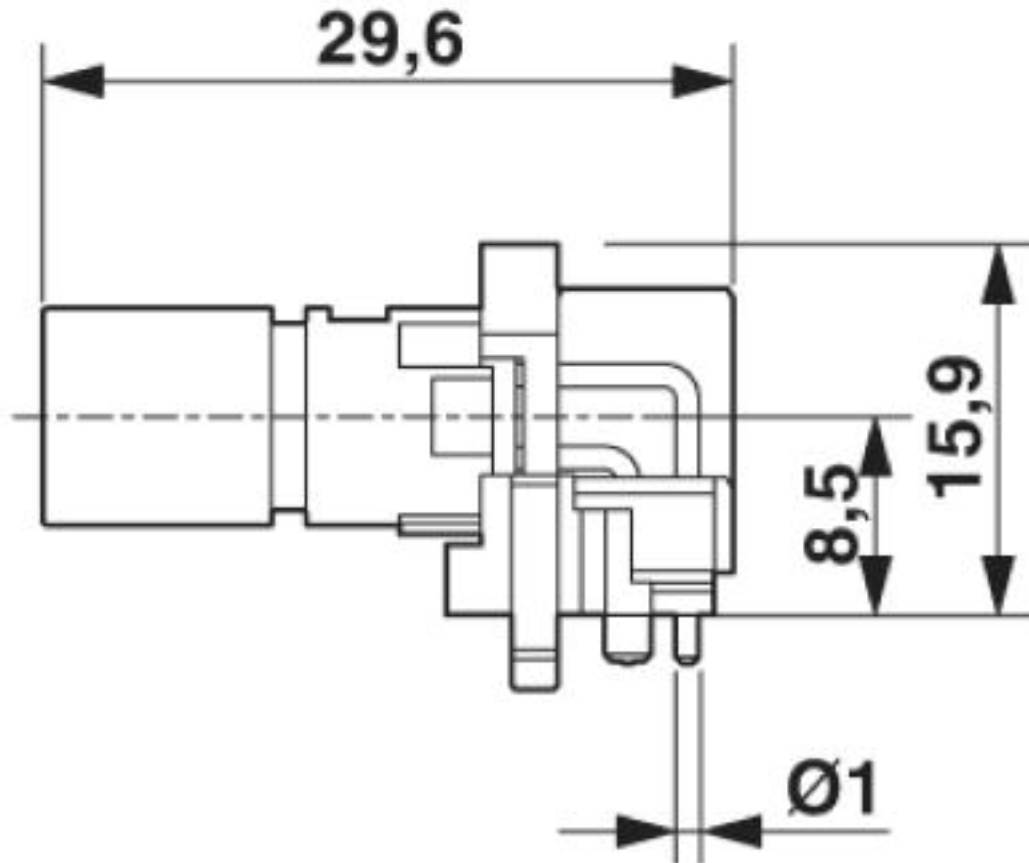
Dimensional drawing



M12 flush-type connector, connector, front view

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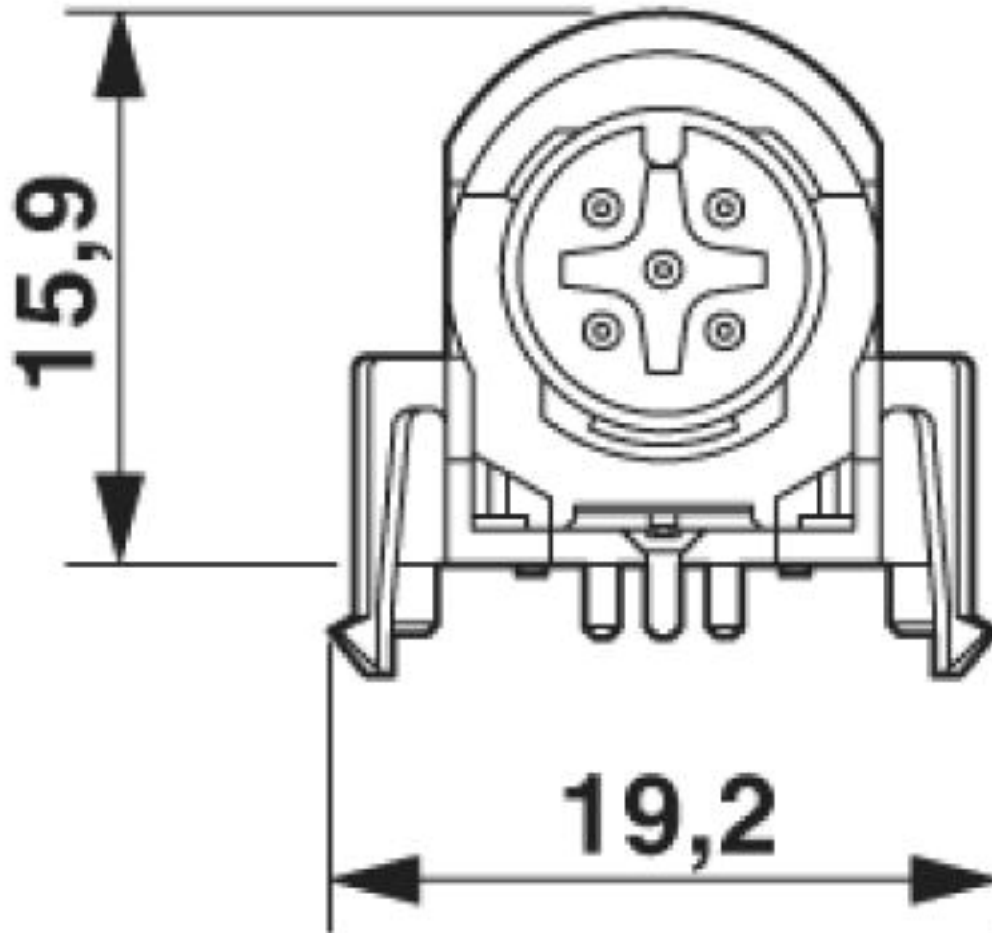
Dimensional drawing



M12 flush-type connector, plug, contact carrier, side view

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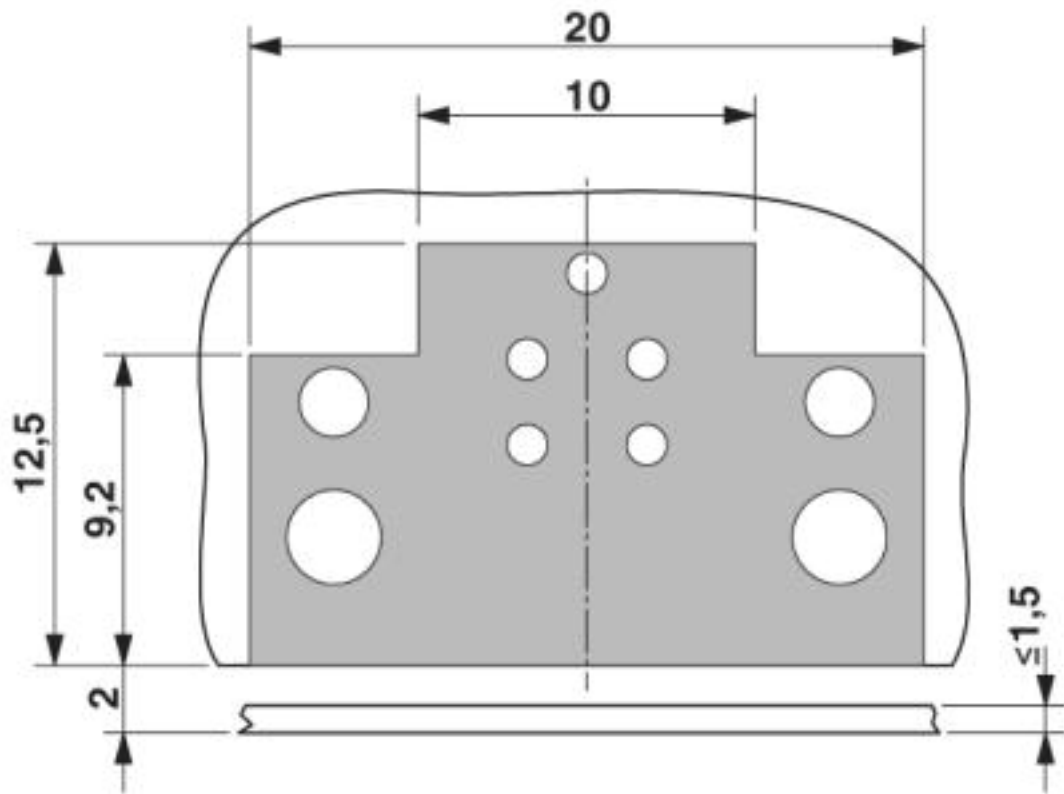
Dimensional drawing



M12 flush-type connector, plug, contact carrier, front view

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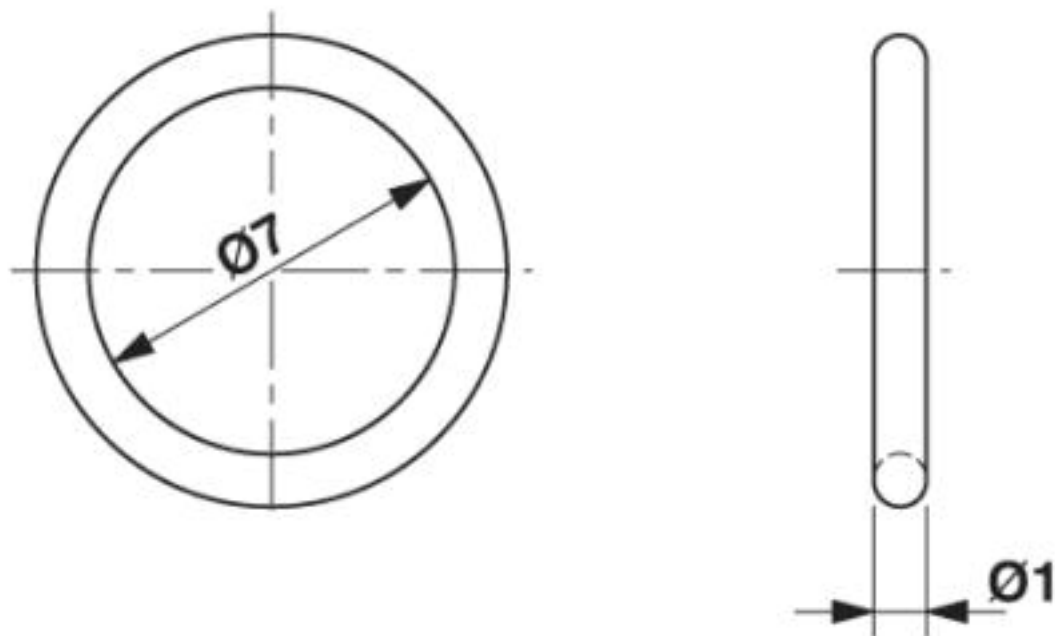
Dimensional drawing



Locked area on the PCB

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Dimensional drawing

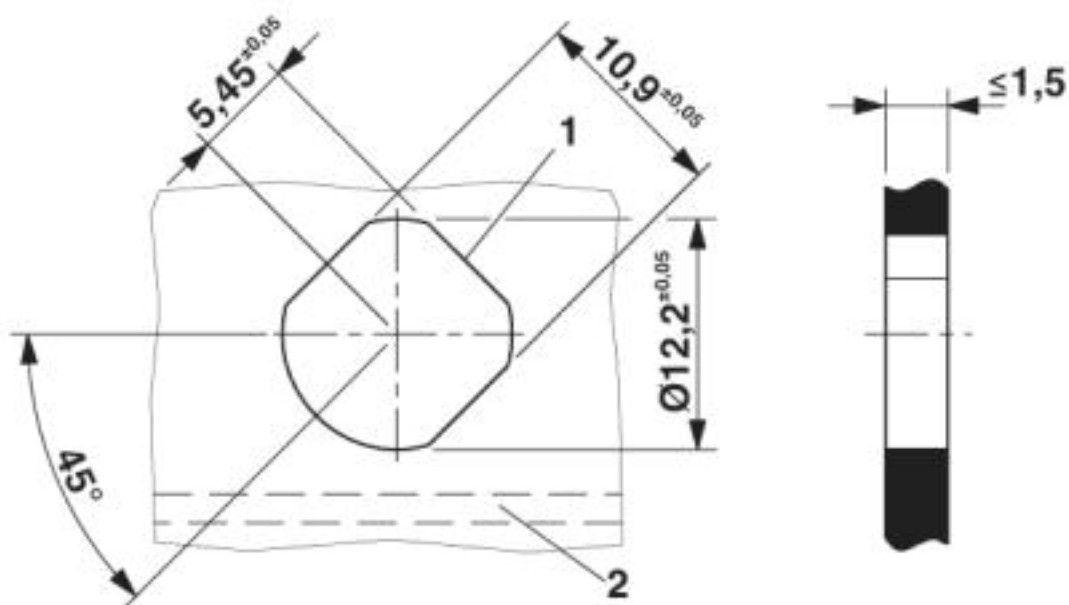


Optionally with O-ring (green) for tight seal when plugged in.

- the axial mating force of 80 N per connector may not be exceeded when using with assembled O-ring!

- Avoid radial forces!

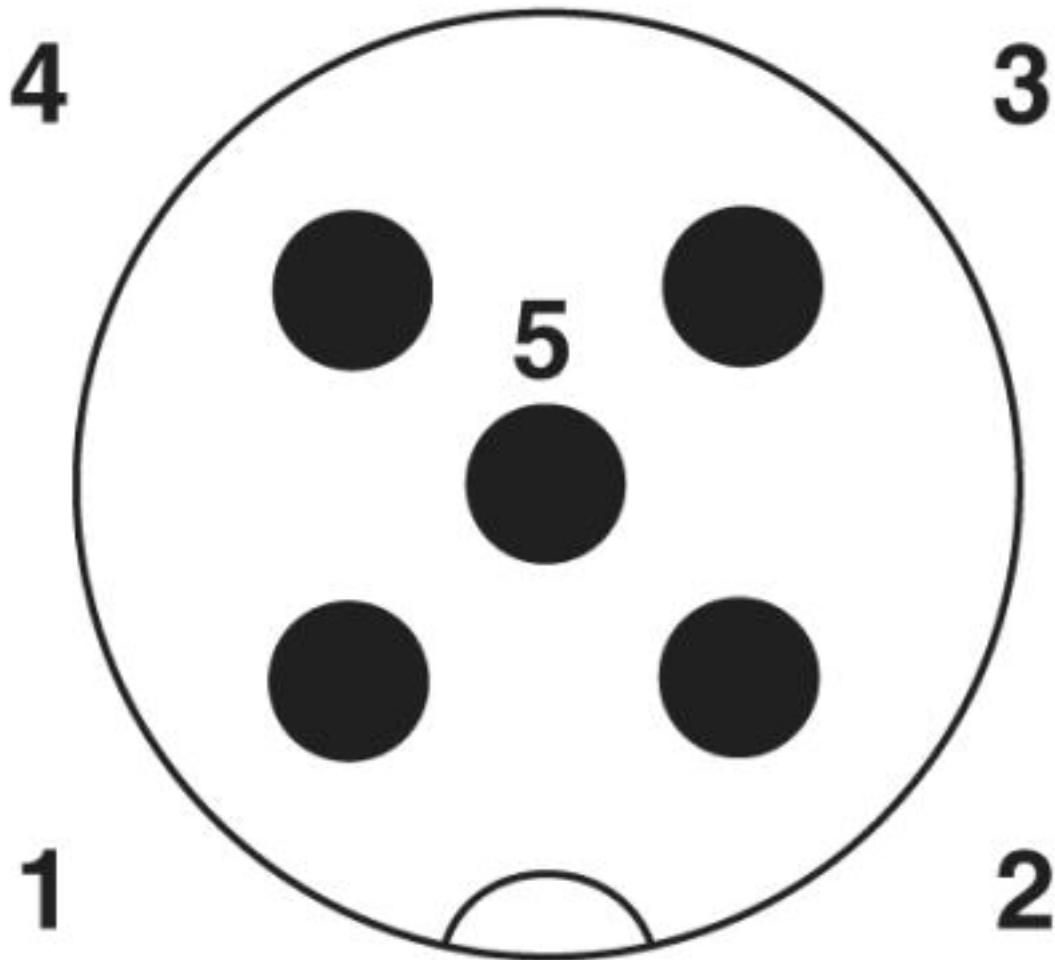
Dimensional drawing



Panel cutout, view from front in case of horizontal PCB (2). The 3rd flat area is optional (1).

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Schematic diagram



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

Approvals

Approvals

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UL Recognized / EAC

Ex Approvals

Approval details

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Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN		60 V	
Nominal current IN		4 A	
mm²/AWG/kcmil		22	

EAC		B.01742
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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>