

Flush-type connector - SACC-DSIV-MS-5CON-L90 SH SCO - 1438037

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

RoHS



Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	 4 046356 457514
GTIN	4046356457514

Technical data

Ambient conditions

Ambient temperature (operation)	-40 °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
Standards/regulations	M12 connector IEC 61076-2-101
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
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Technical data

Material

Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA 6.6
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Cable

Standards/specifications	M12 connector IEC 61076-2-101
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Standards and Regulations

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

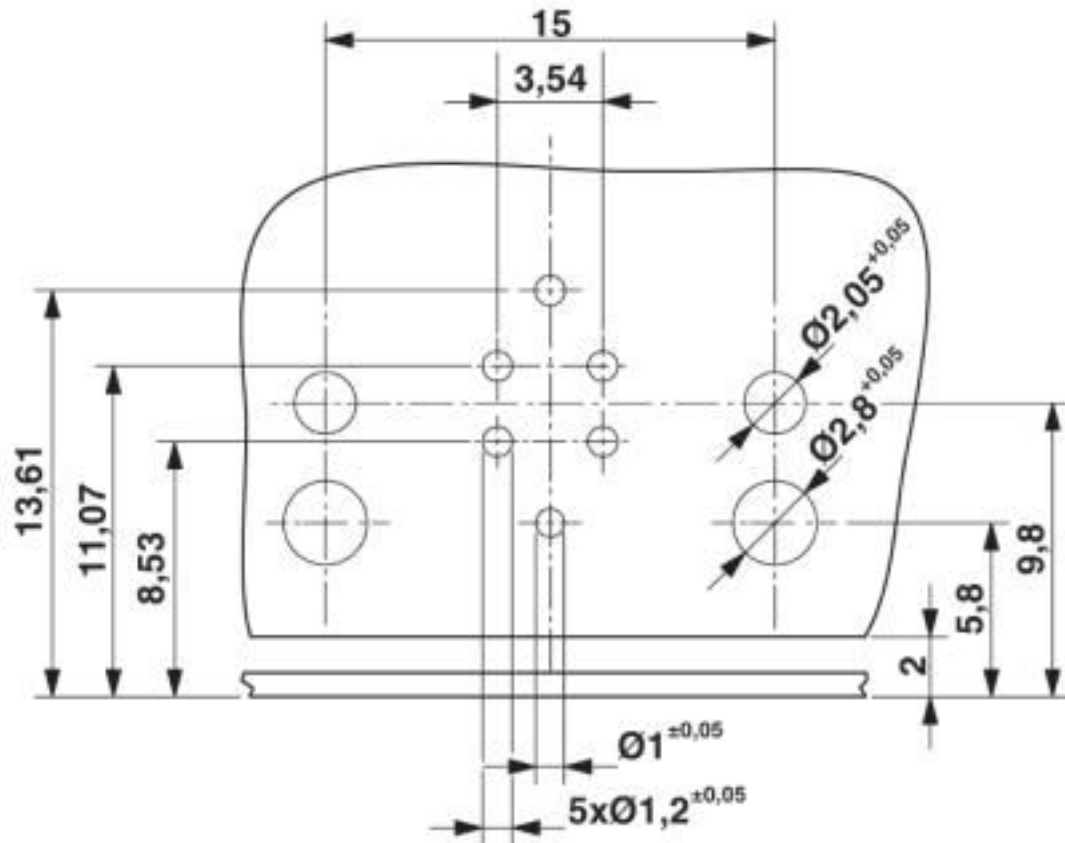
Environmental Product Compliance

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

Drawings

Flush-type connector - SACC-DSIV-MS-5CON-L90 SH SCO - 1438037

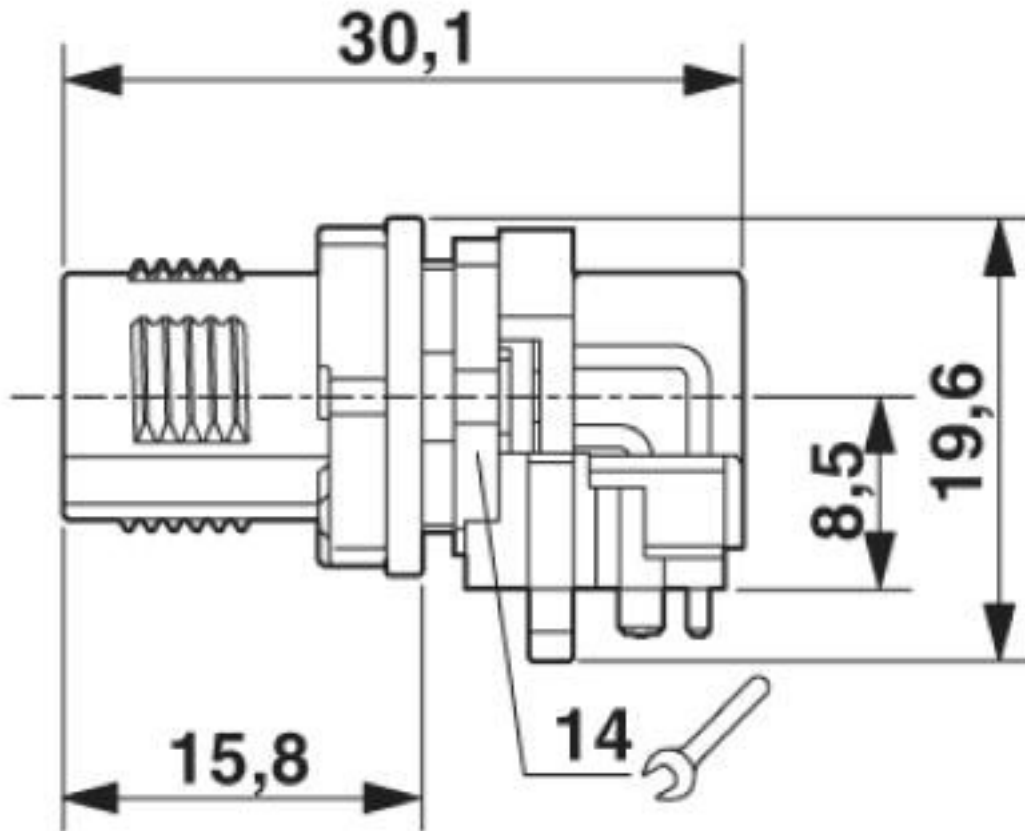
Drilling diagram



Drilling diagram

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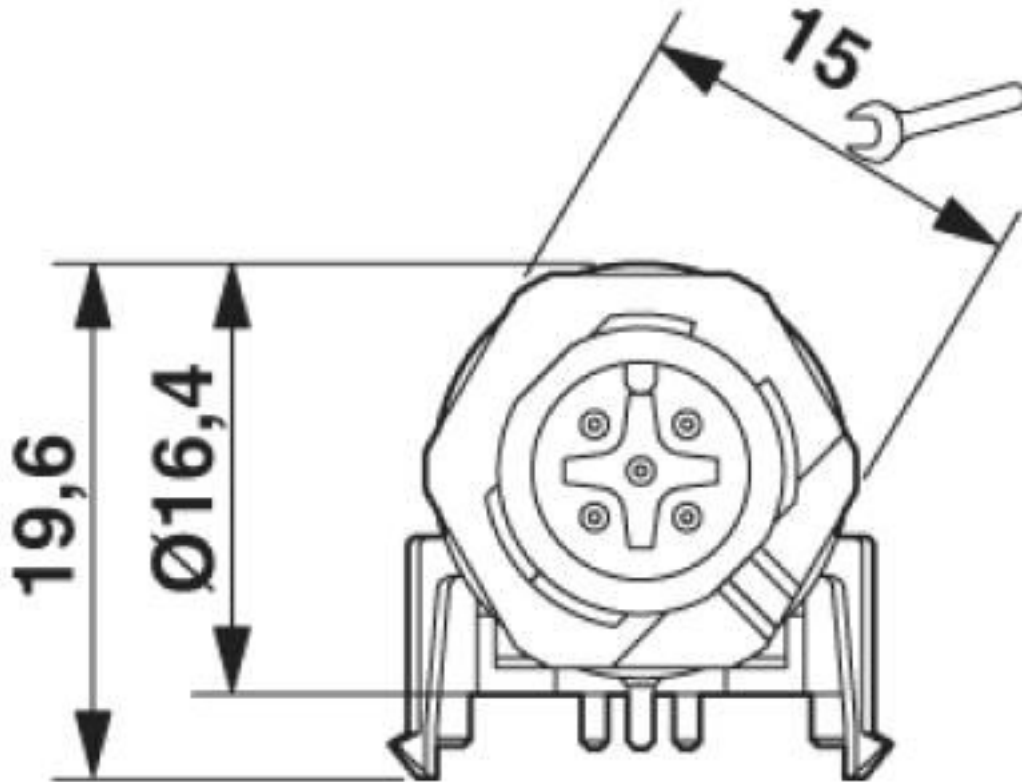
Dimensional drawing



M12 flush-type connector, connector, side view

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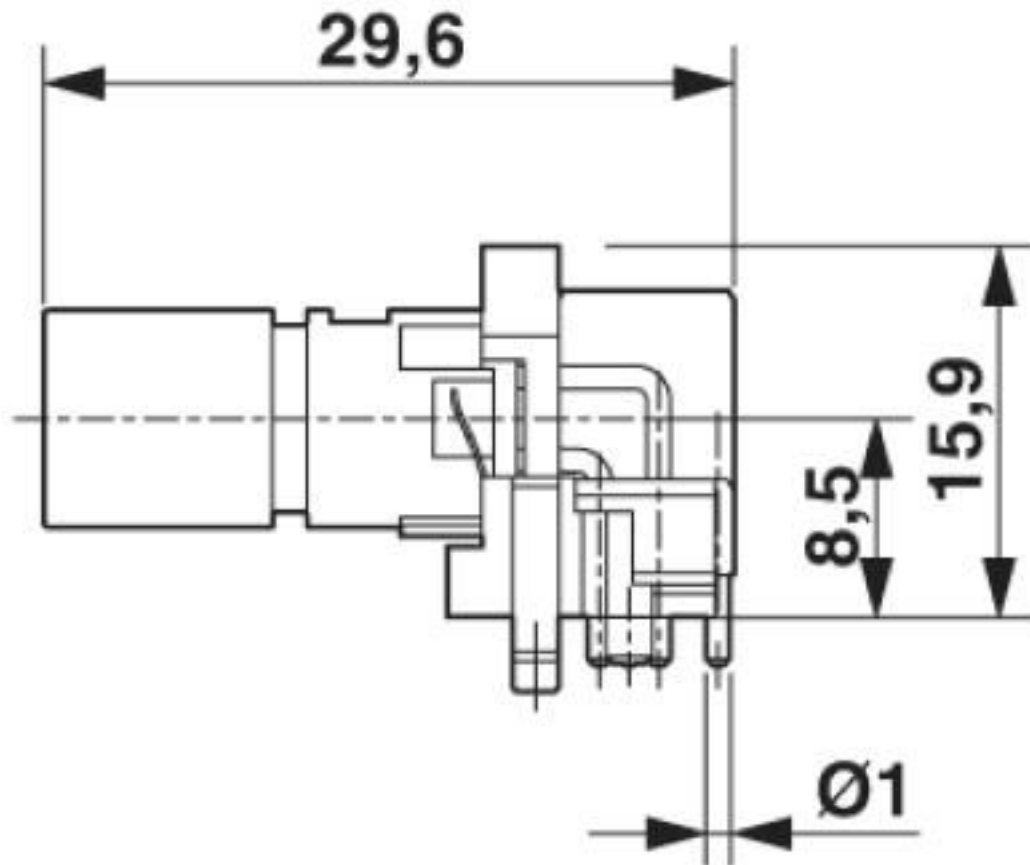
Dimensional drawing



M12 flush-type connector, connector, front view

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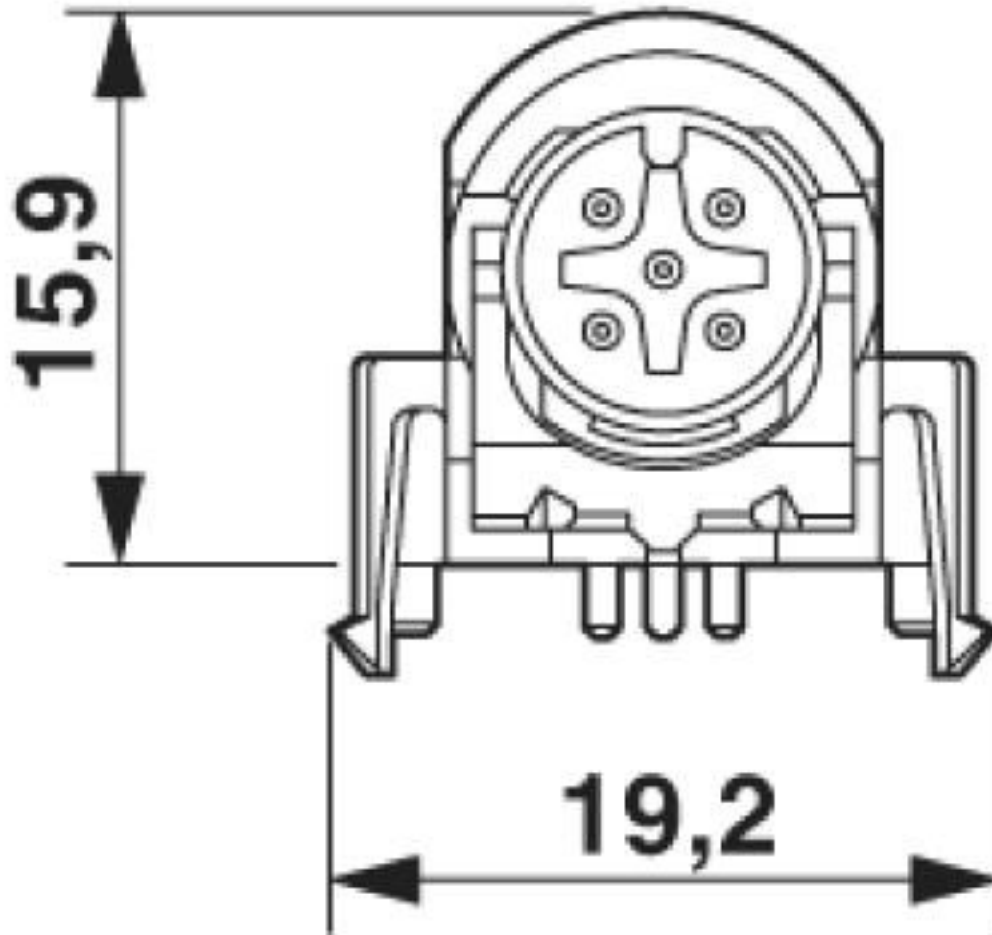
Dimensional drawing



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

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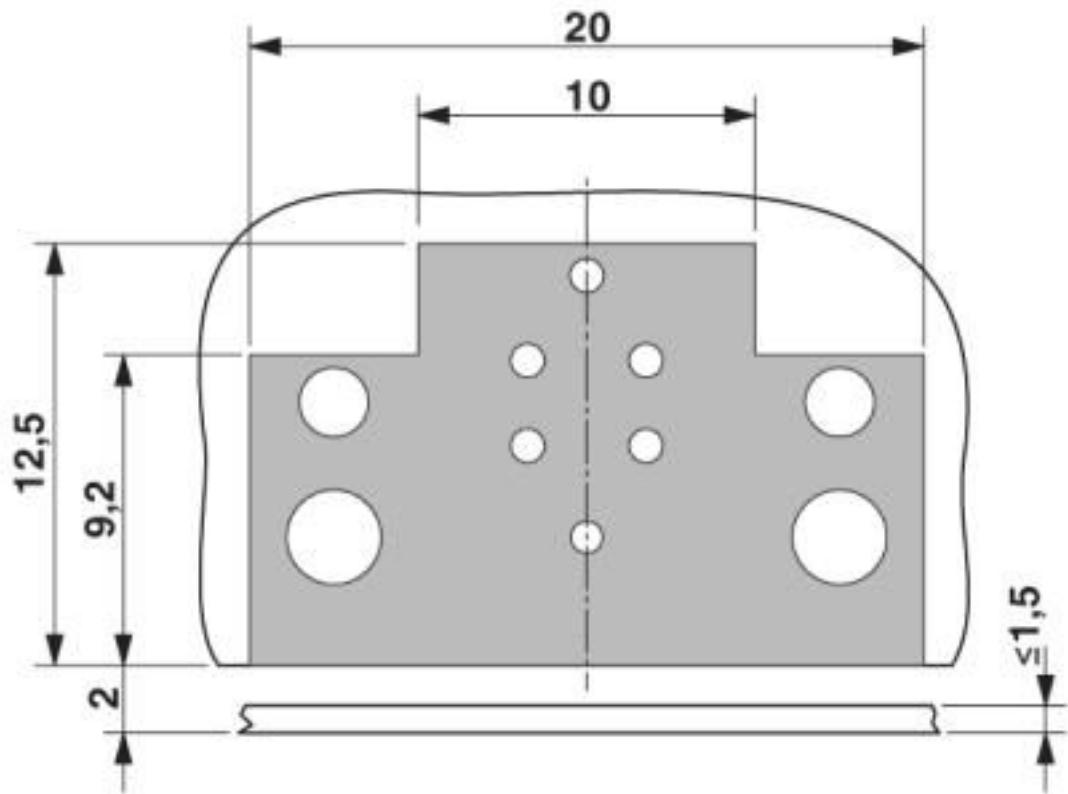
Dimensional drawing



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

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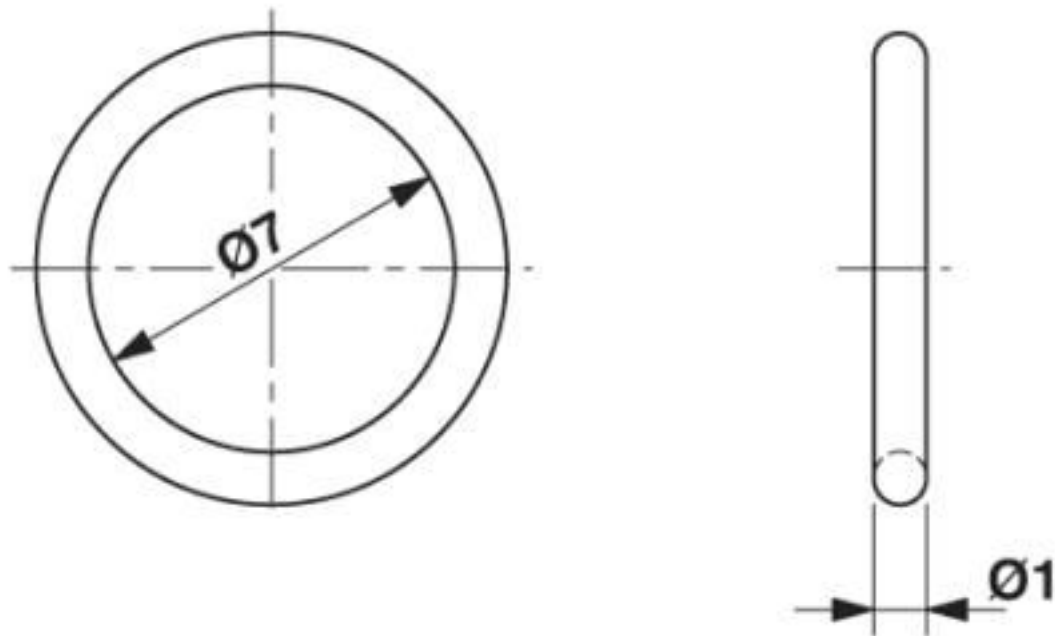
Dimensional drawing



Locked area on the PCB

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Dimensional drawing

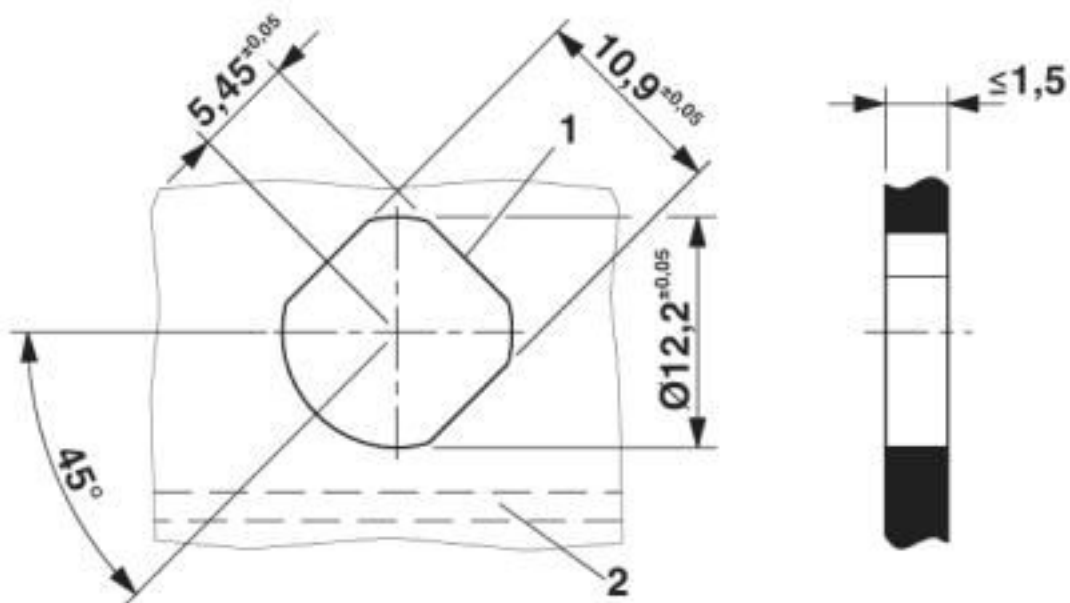


Optionally with O-ring (green) for tight seal when plugged in.

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

- Avoid radial forces!

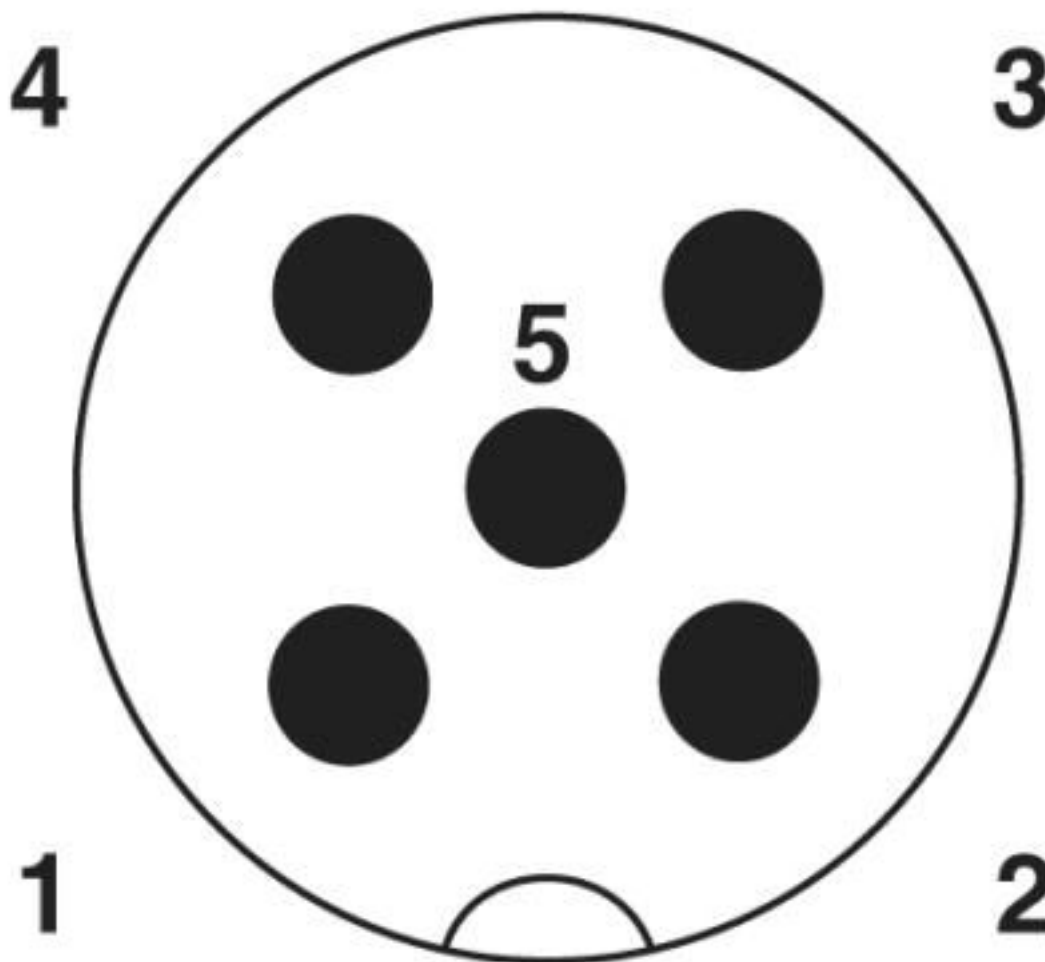
Dimensional drawing



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

Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27143400
eCl@ss 6.0	27279200
eCl@ss 7.0	27440103
eCl@ss 8.0	27440103
eCl@ss 9.0	27440102

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Classifications

ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002061
ETIM 5.0	EC002061
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121413

Approvals

Approvals

Approvals

UL Recognized / EAC

Ex Approvals

Approval details

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.01687
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