

Flush-type connector - SACC-DSIV-MS-8CON-L90 SCO - 1436961

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Sensor/actuator flush-type connector, connector, 8-pos., M12 SPEEDCON, A-coded, rear/screw mounting with M12 thread, with polarity protection, with angled solder connection



Key commercial data

package_quantity	10
GTIN	4046356438537

Technical data

Ambient conditions

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

General

Rated current at 40°C	2 A
Rated voltage	30 V
Number of positions	8
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	Solder pins
Mounting type	Rear mounting M12 x 1 With flat nut

Material

Inflammability class according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

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classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27449001

ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002061
ETIM 5.0	EC002061

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

approvals

UL Recognized /

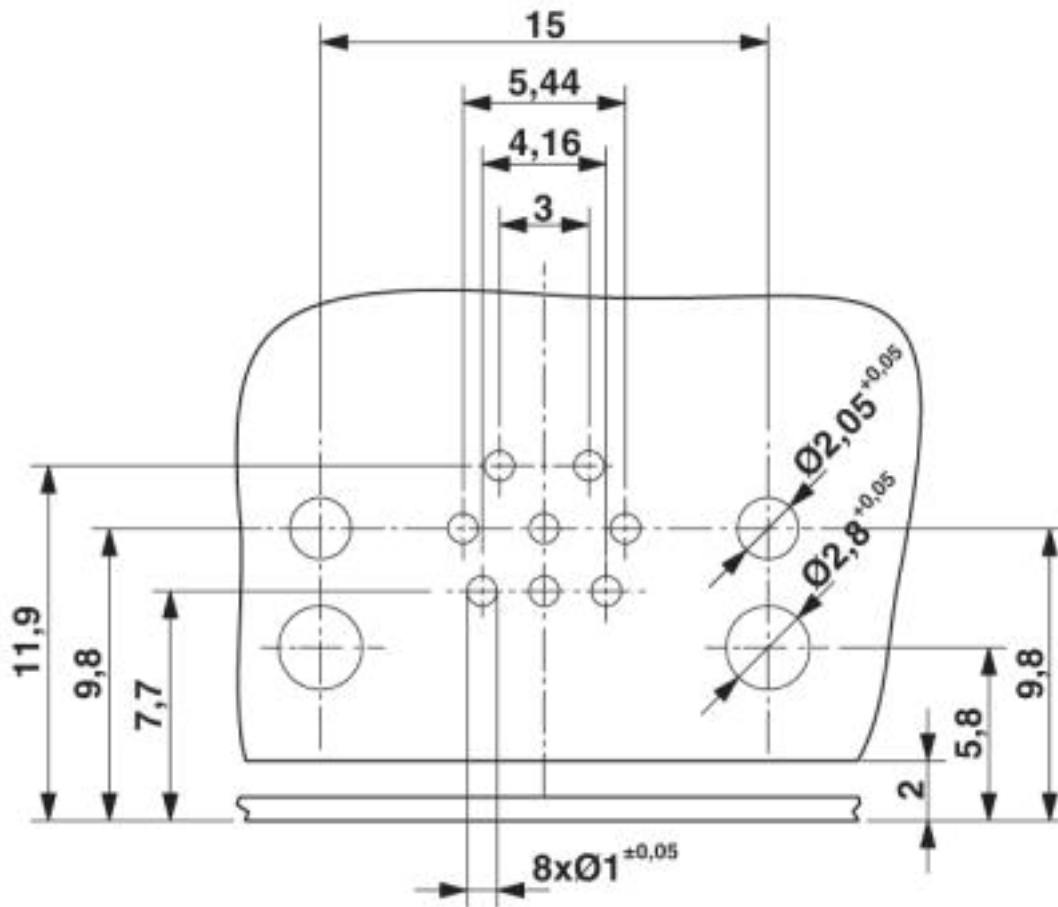
Approval details

UL Recognized 	
Nominal voltage UN	30 V
Nominal current IN	2 A
mm²/AWG/kcmil	26-20

Drawings

Flush-type connector - SACC-DSIV-MS-8CON-L90 SCO - 1436961

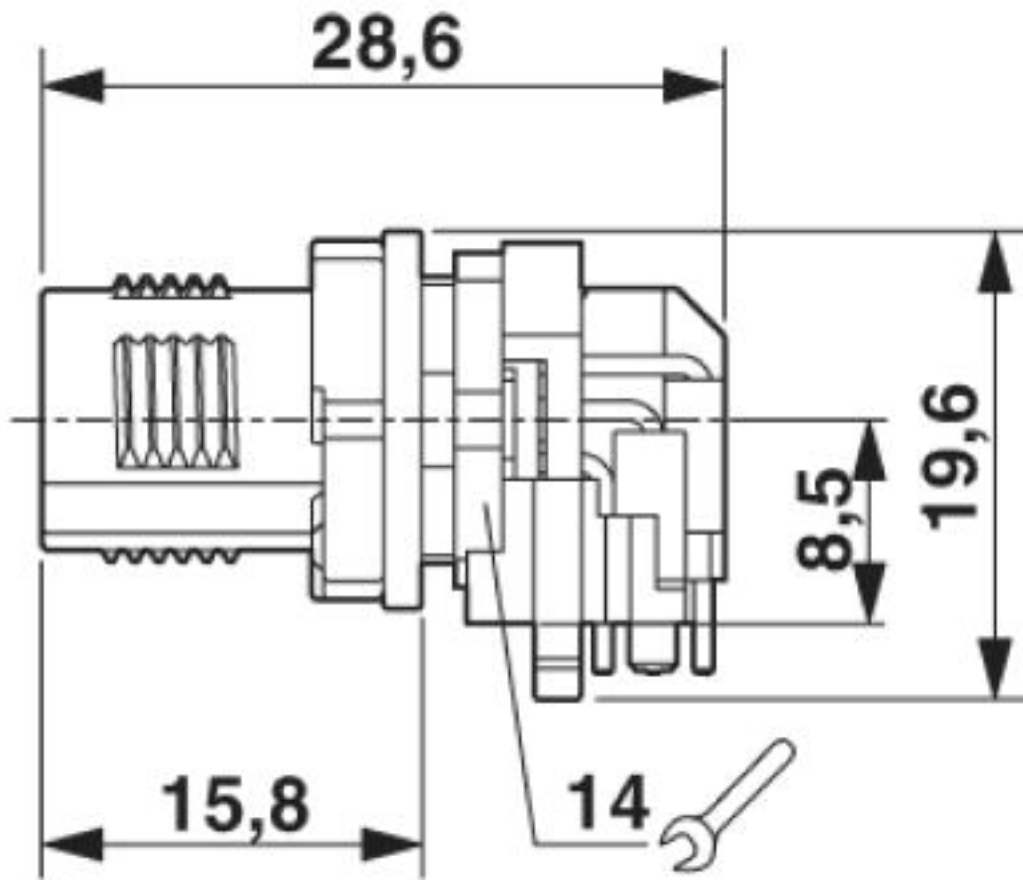
Drilling diagram



Drilling diagram

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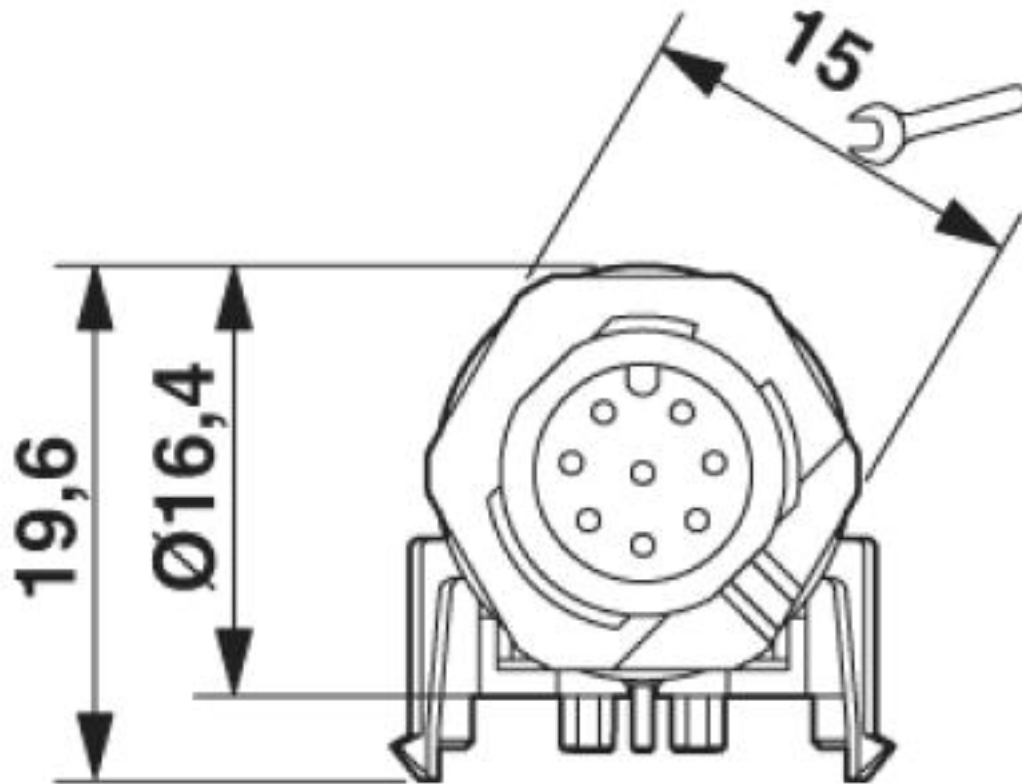
Dimensioned drawing



M12 flush-type connector, connector, side view

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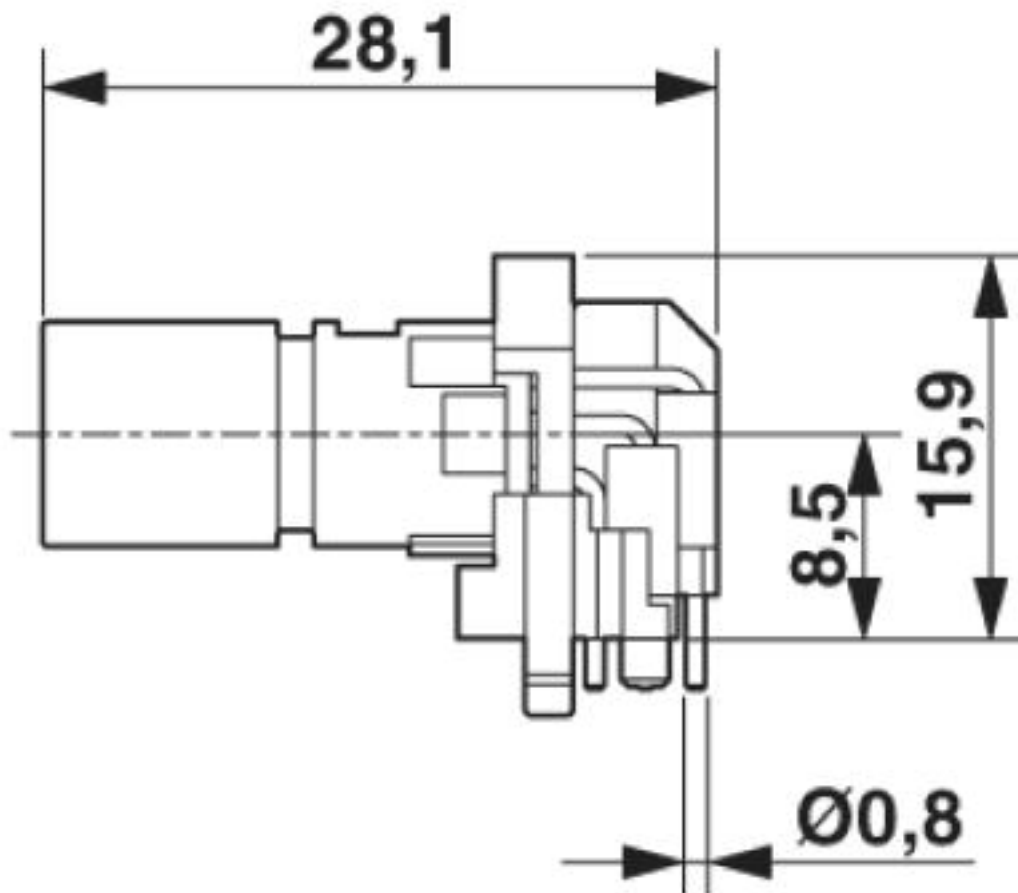
Dimensioned drawing



M12 flush-type connector, connector, front view

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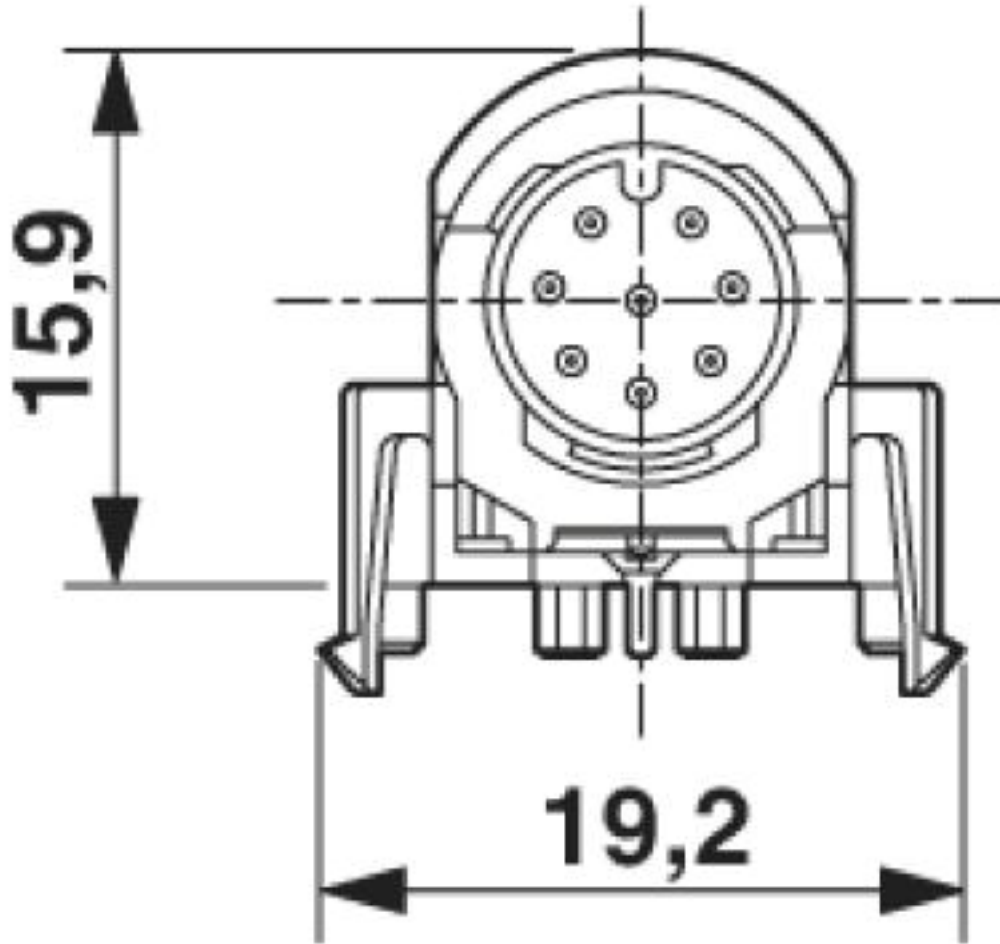
Dimensioned drawing



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

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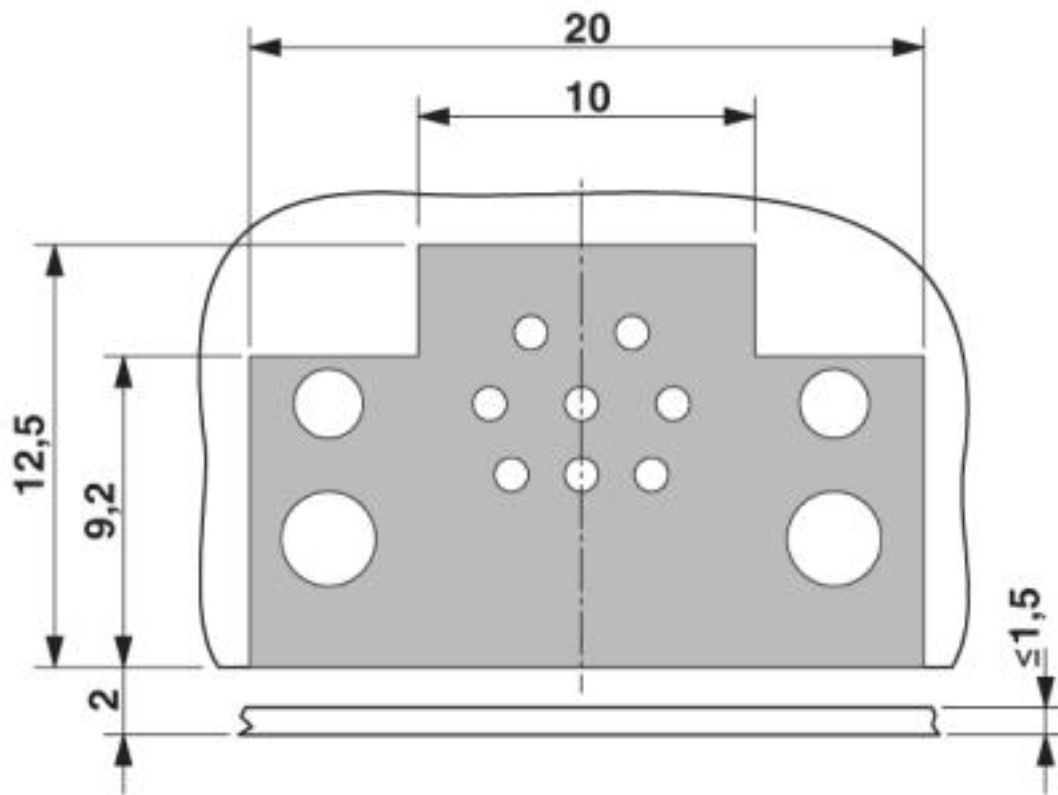
Dimensioned drawing



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

Flush-type connector - SACC-DSIV-MS-8CON-L90 SCO - 1436961

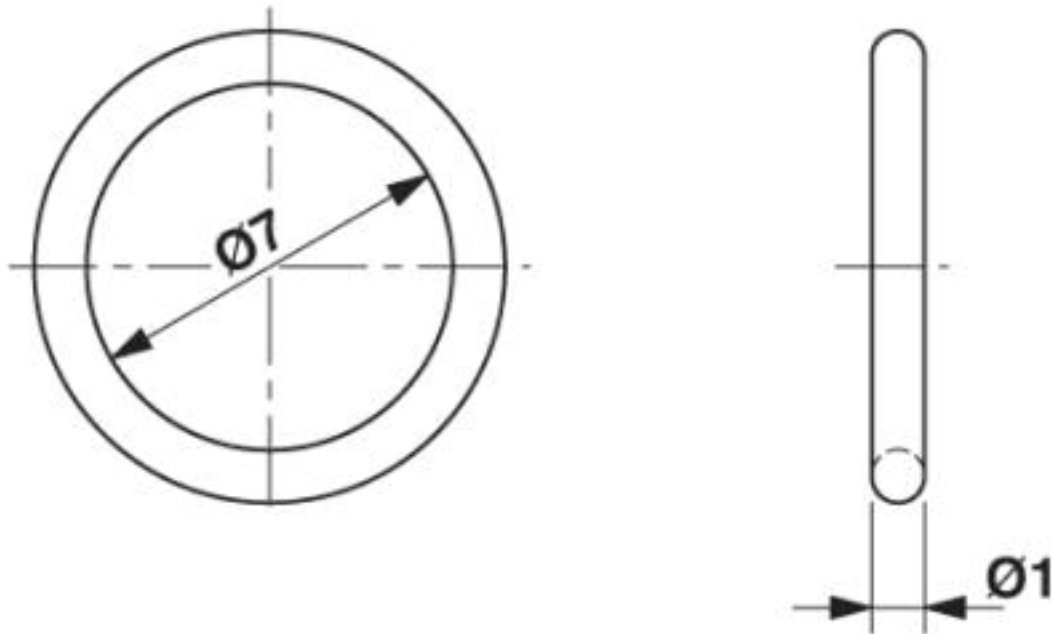
Dimensioned drawing



Locked area on the PCB

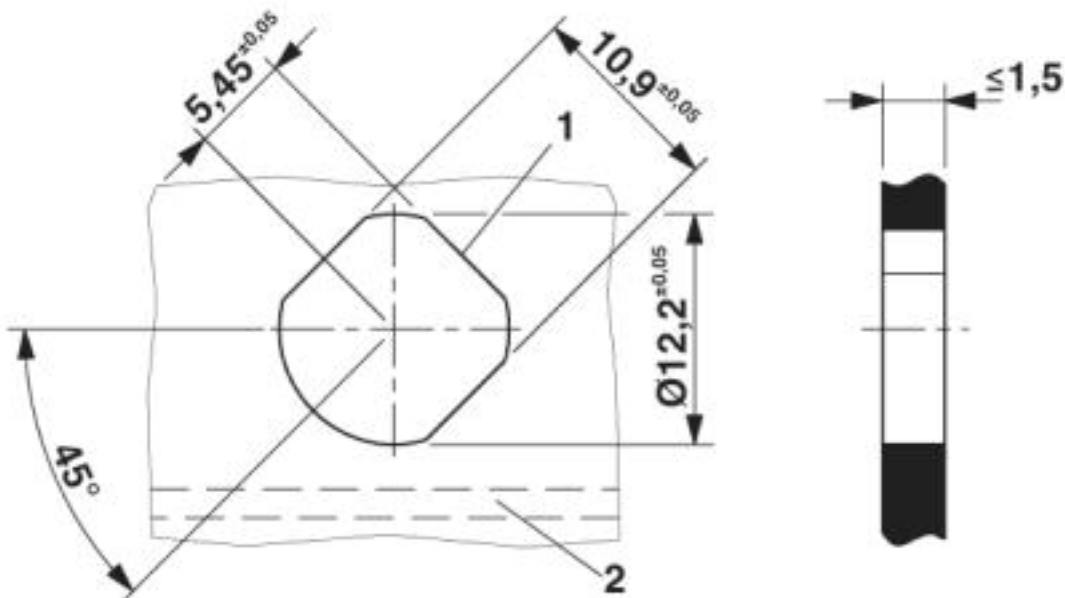
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Dimensioned drawing



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!

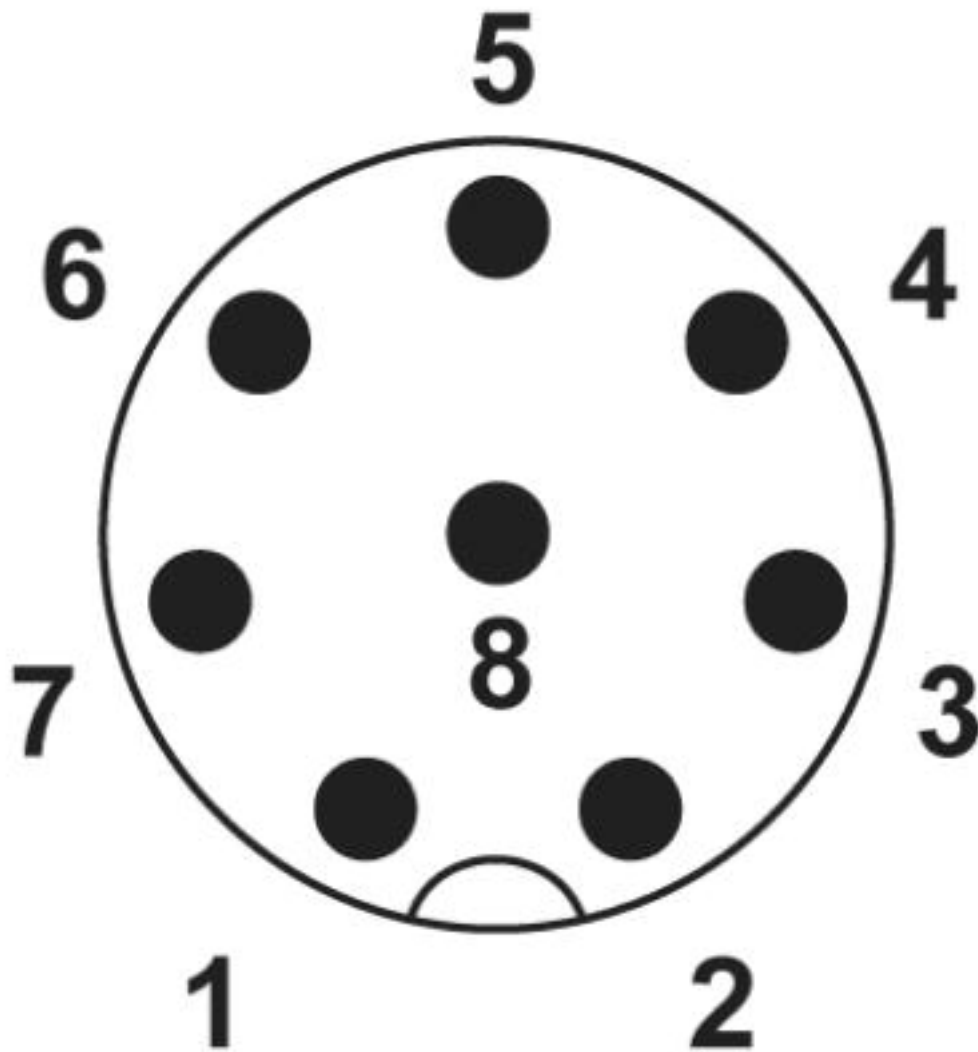
Dimensioned drawing



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 plug, 8-pos., A-coded, view plug side

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