

Flush-type connector - SACC-CI-M12FS-4CON-L 90 SH SCO - 1432444

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Sensor/actuator flush-type connector, socket, 4-pos., A-coded, shielded, with angled solder connection, only contact insert



Key commercial data

package_quantity	20
GTIN	4046356410724

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	250 V
Number of positions	4
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	Solder pins
Insertion/withdrawal cycles	> 100
Mounting type	PCB mounting

Material

Inflammability class according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66

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Technical data

Material

Sealing material	FKM / EPDM
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classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27260701
eCl@ss 6.0	27279220
eCl@ss 7.0	27440103
eCl@ss 8.0	27440103

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 / GOST / GOST /

Approval details

UL Recognized 	
Nominal voltage UN	250 V
Nominal current IN	4 A
mm²/AWG/kcmil	26-20

GOST 
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approvals



accessories

Panel mounting base

SACC-M12-SCO NUT - 1552243



SACC-M12-SCO NUT L 90 - 1432460



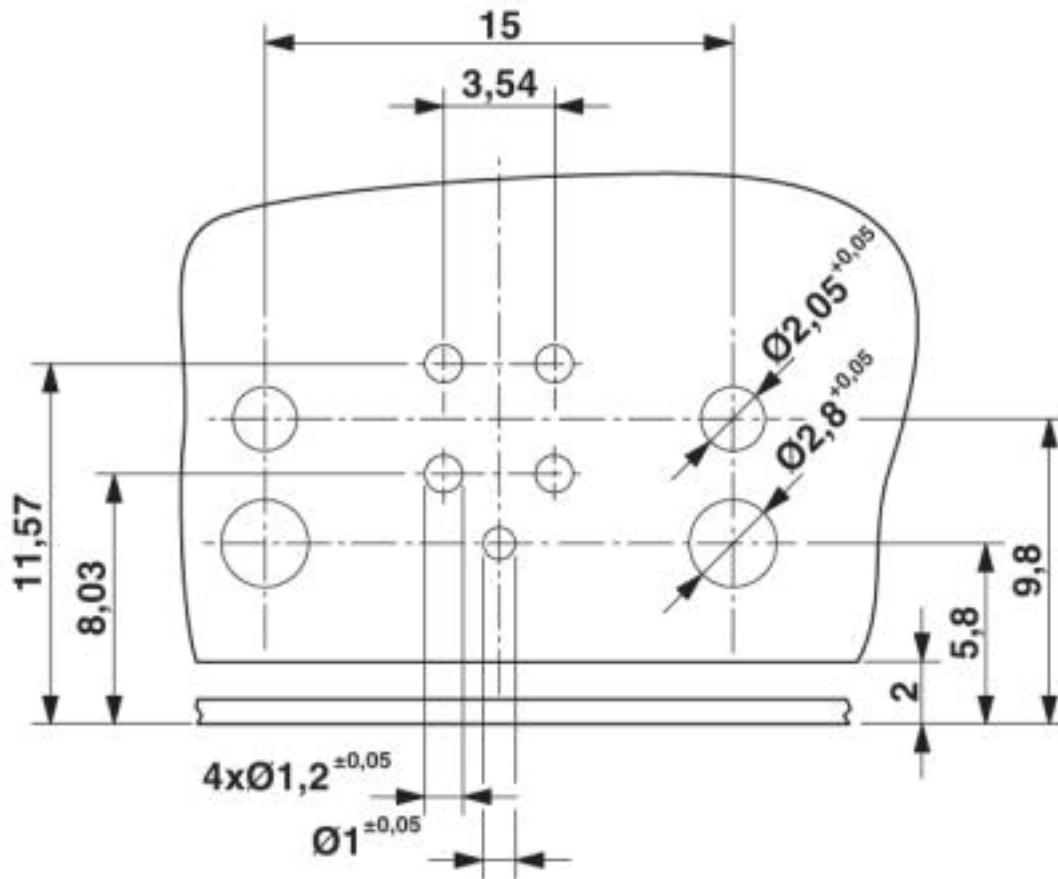
SACC-M12 NUT PRESS - 1437889



Drawings

Flush-type connector - SACC-CI-M12FS-4CON-L 90 SH SCO - 1432444

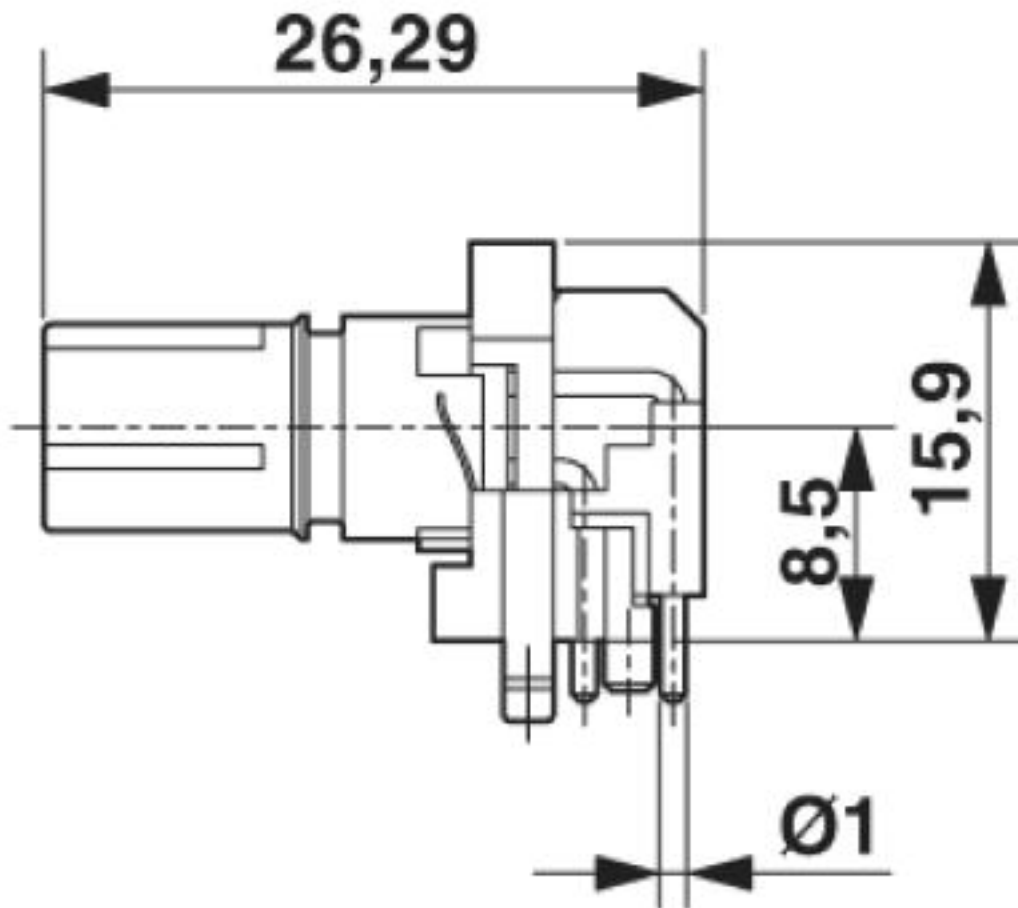
Drilling diagram



Drilling diagram only valid in connection with the SACC-M12-SCO NUT
L90 housing (order no. 1432460)

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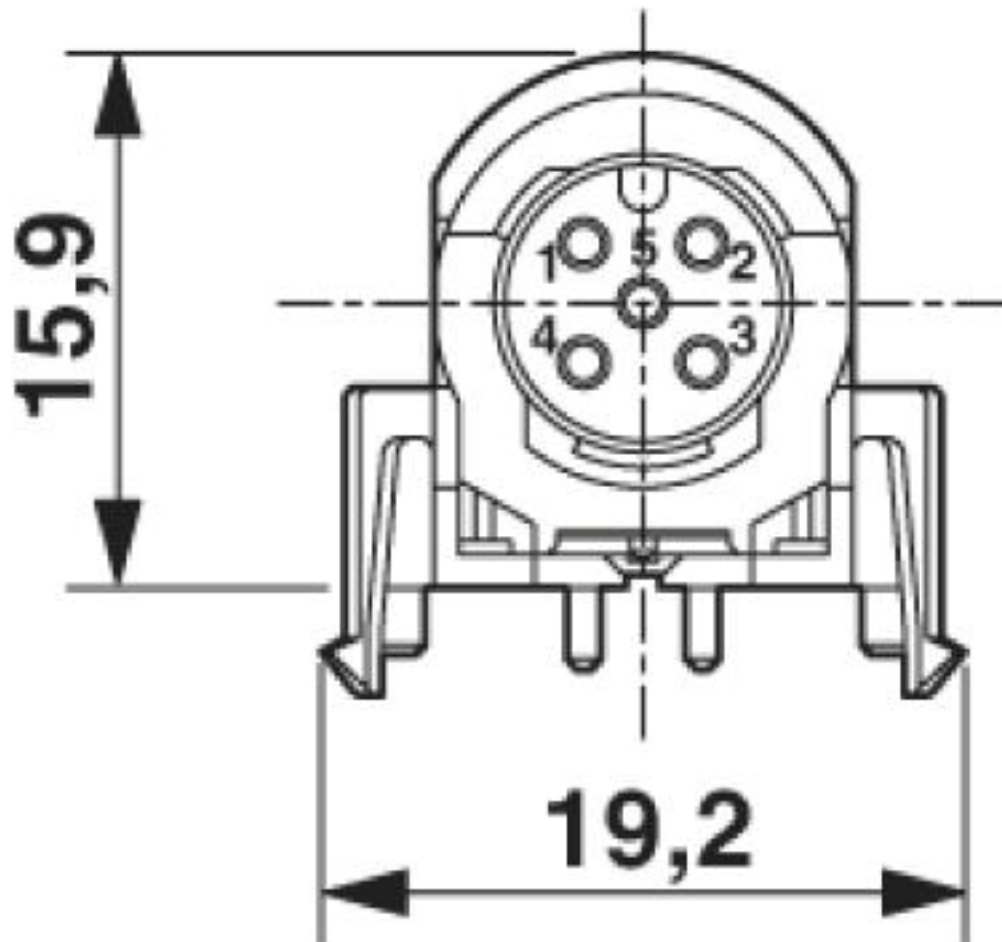
Dimensioned drawing



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

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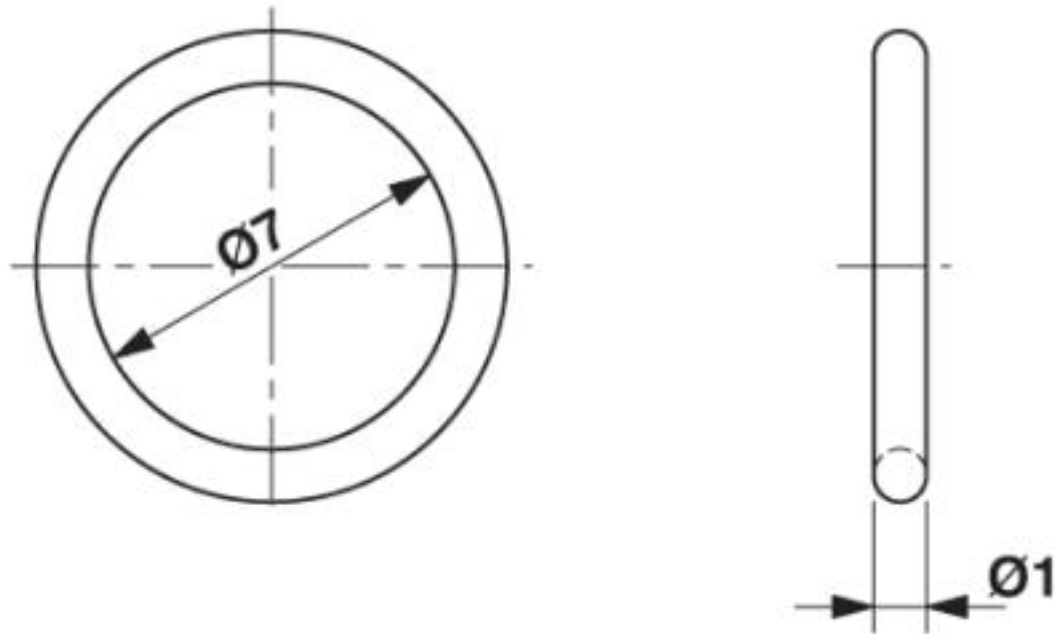
Dimensioned drawing



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

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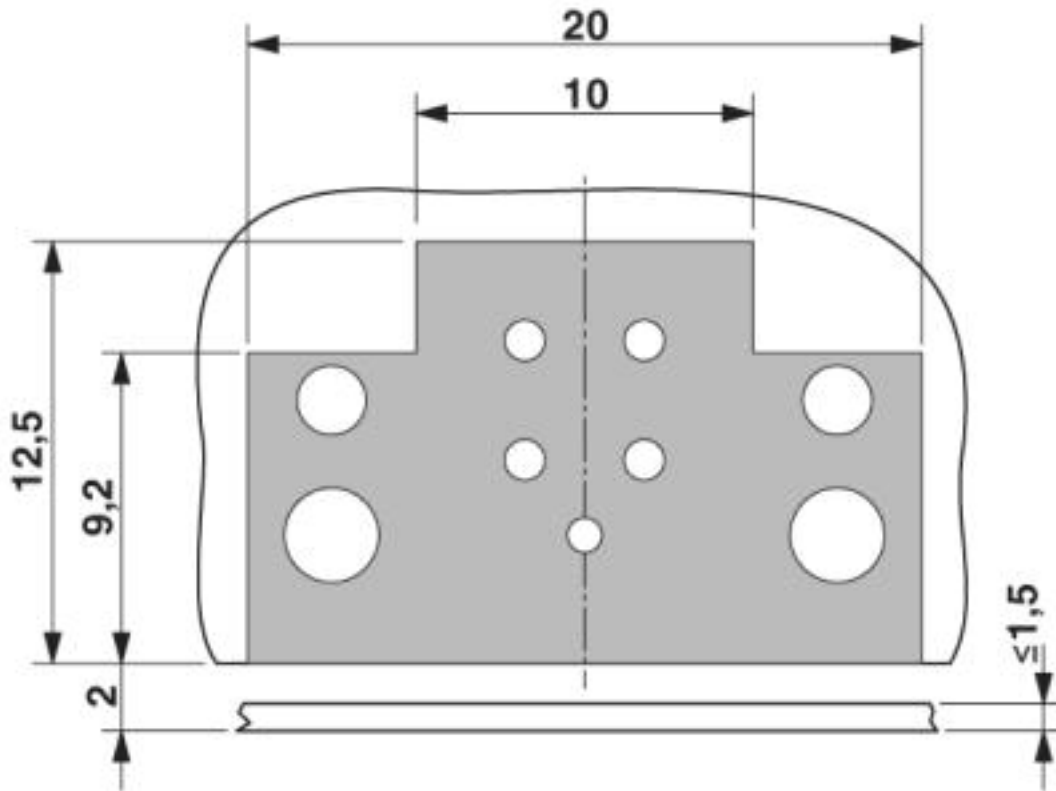
Dimensioned drawing



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!

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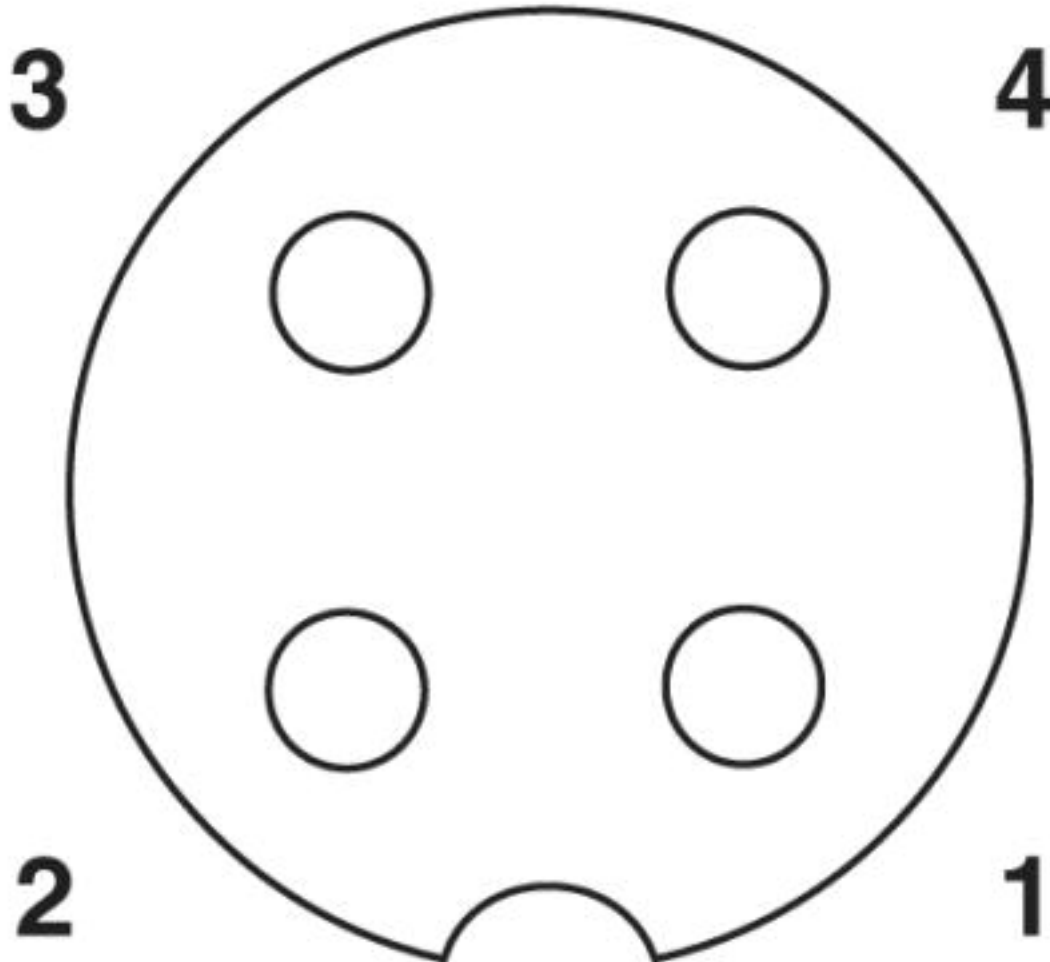
Dimensioned drawing



Locked area on the PCB

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Schematic diagram



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

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