Flush-type connector - SACC-CI-M12MS-8CON-L90 SCO - 1436987

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://download.phoenixcontact.com)



Sensor/actuator flush-type connector, plug, 8-pos., A-coded, with angled solder connection, only contact insert

Key commercial data

package_quantity	20
GTIN	4046356438551

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
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	Solder pins
Mounting type	PCB mounting

Material

Inflammability class according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Sealing material	FKM / EPDM

Flush-type connector - SACC-CI-M12MS-8CON-L90 SCO - 1436987

Technical data

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	30 V
Nominal current IN	2 A
mm²/AWG/kcmil	26-20

GOST

Flush-type connector - SACC-CI-M12MS-8CON-L90 SCO - 1436987

approvals

accessories

Panel mounting base

SACC-M12-SCO PLUG - 1551493



SACC-M12-SCO PLUG L90 - 1436709



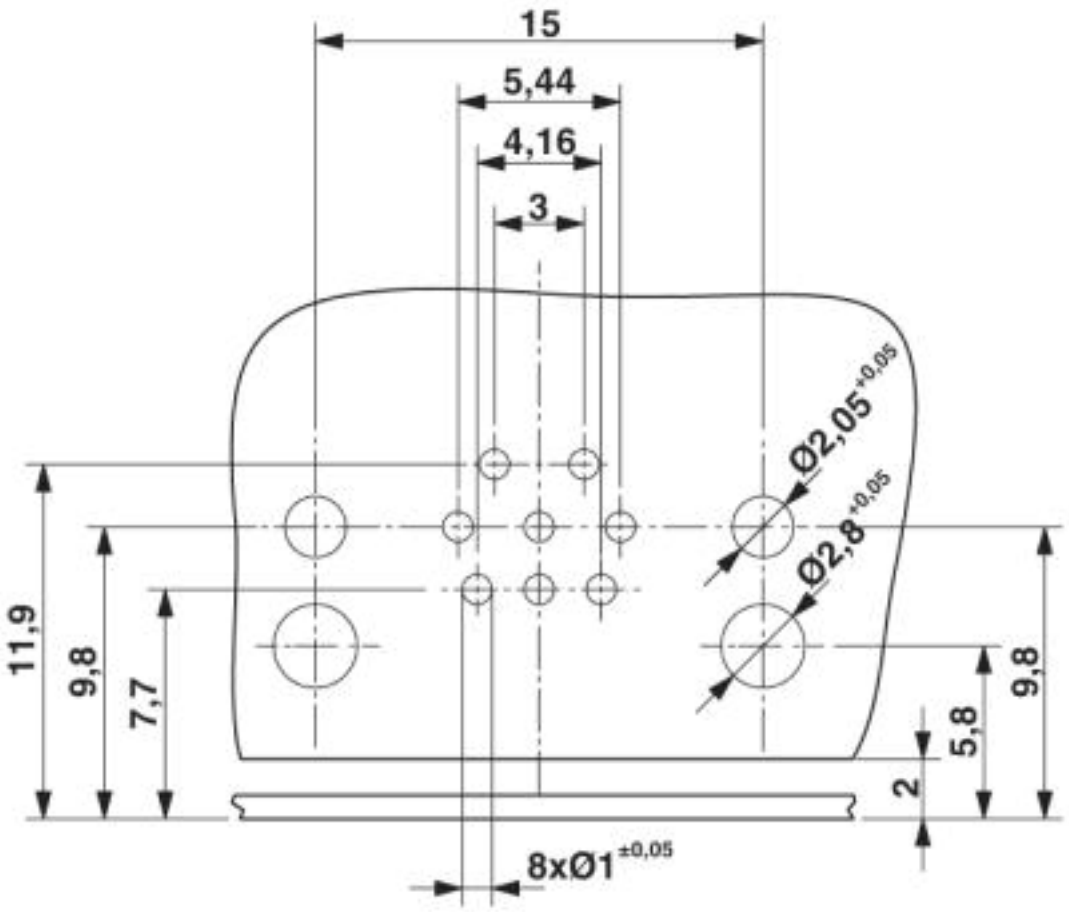
SACC-M12 PLUG PRESS - 1437892



Drawings

Flush-type connector - SACC-CI-M12MS-8CON-L90 SCO - 1436987

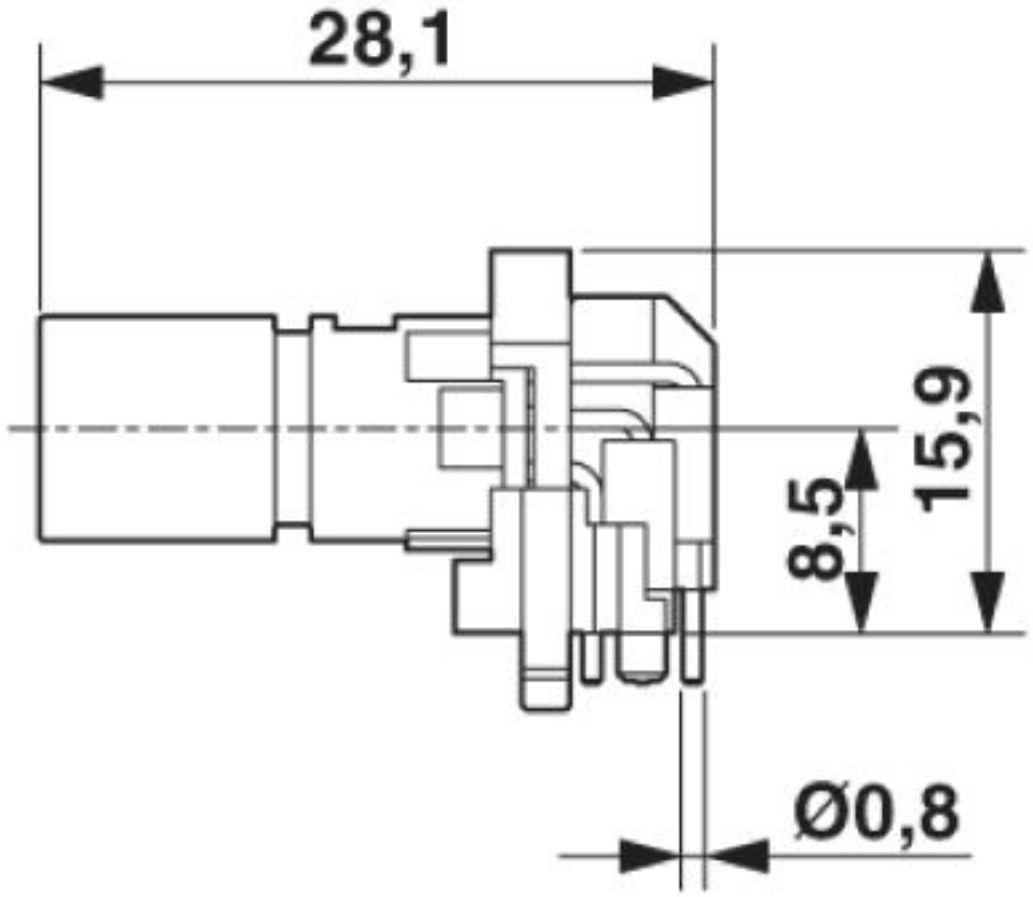
Drilling diagram



Drilling diagram only valid in connection with the SACC-M12-SCO PLUG L90 housing (order no. 1436709)

Flush-type connector - SACC-CI-M12MS-8CON-L90 SCO - 1436987

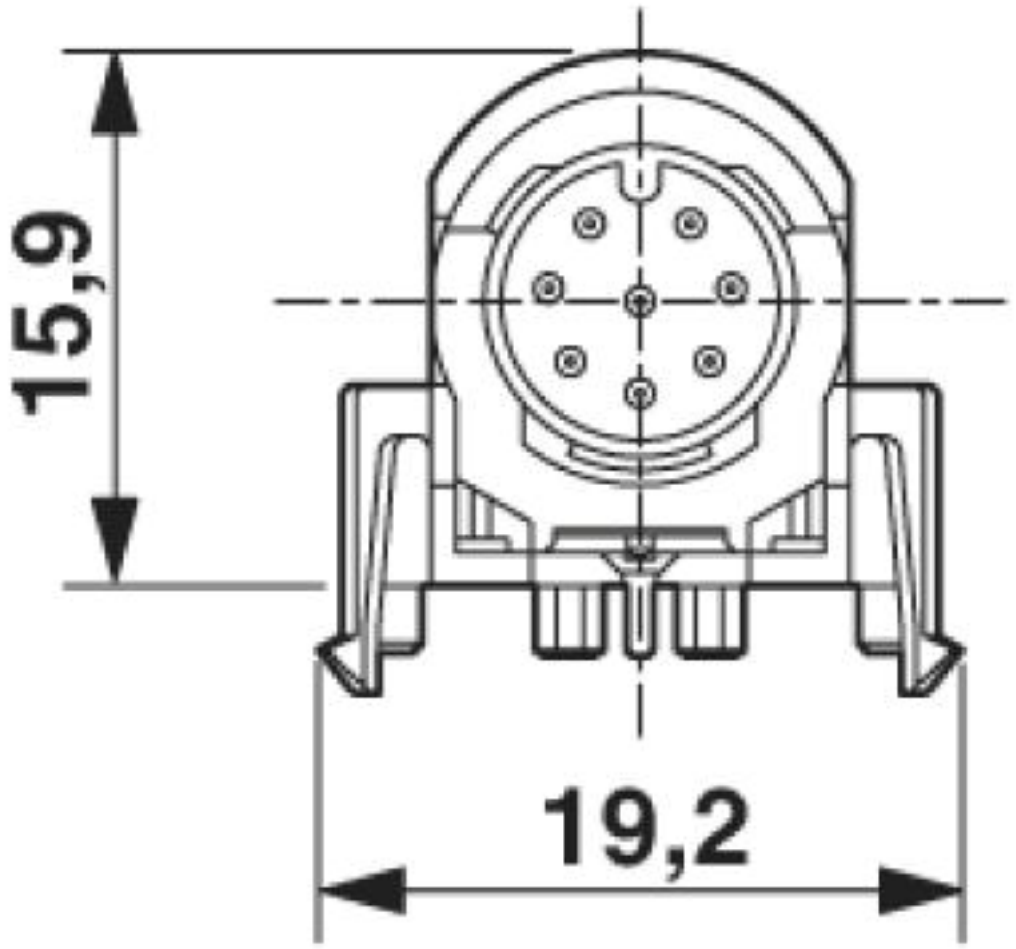
Dimensioned drawing



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

Flush-type connector - SACC-CI-M12MS-8CON-L90 SCO - 1436987

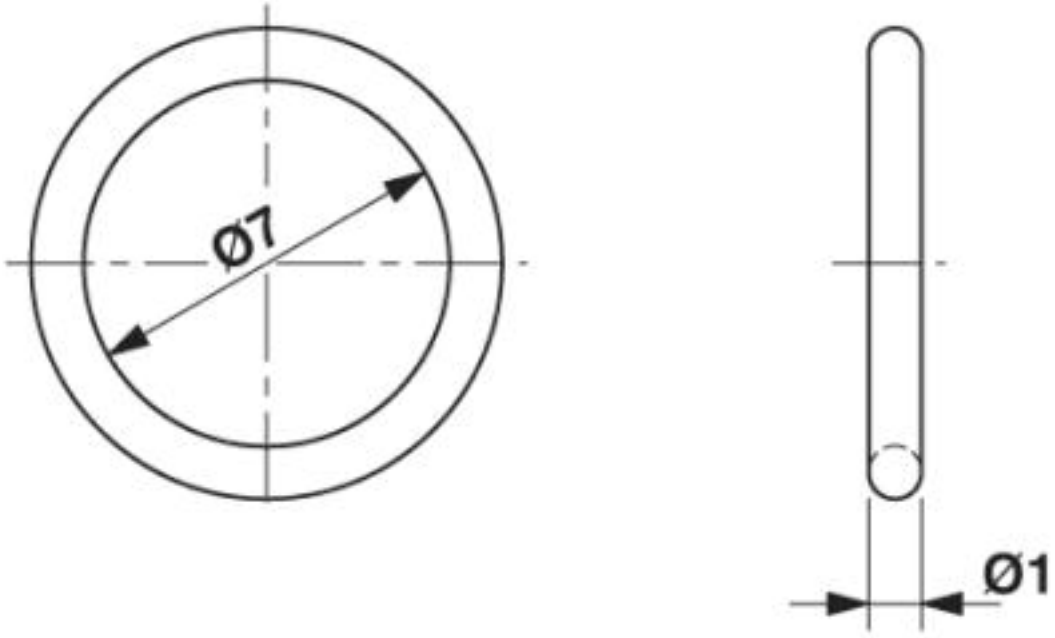
Dimensioned drawing



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

Flush-type connector - SACC-CI-M12MS-8CON-L90 SCO - 1436987

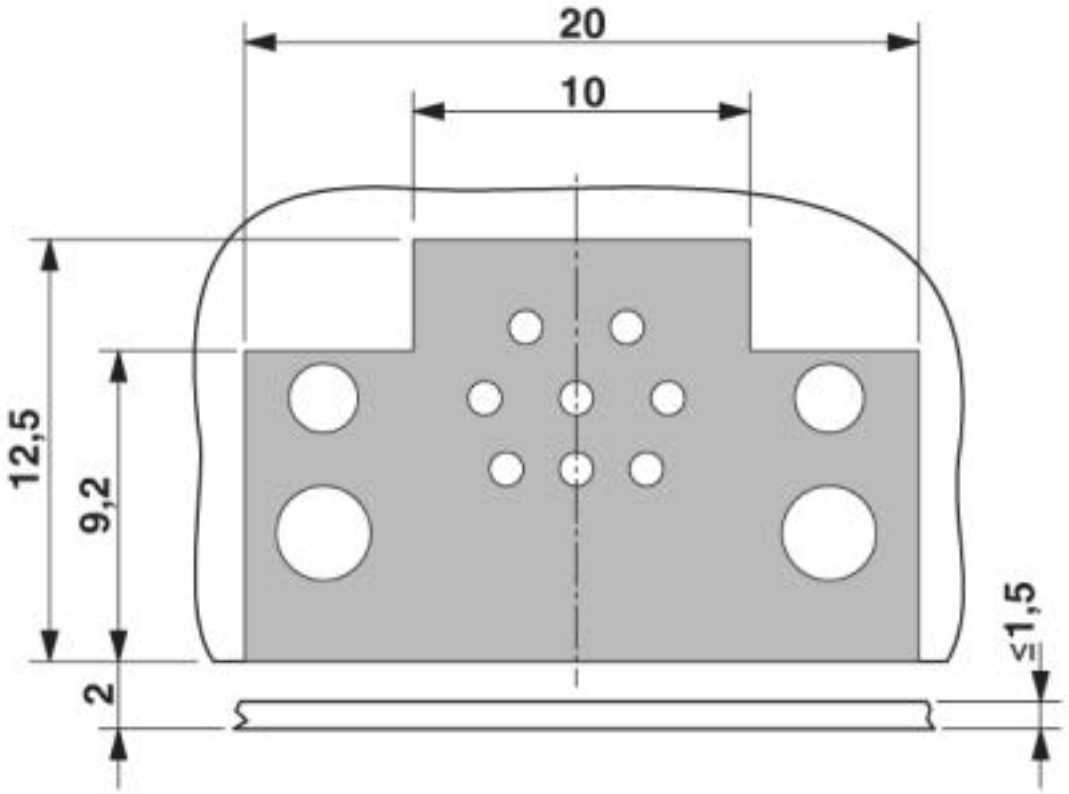
Dimensioned drawing



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!

Flush-type connector - SACC-CI-M12MS-8CON-L90 SCO - 1436987

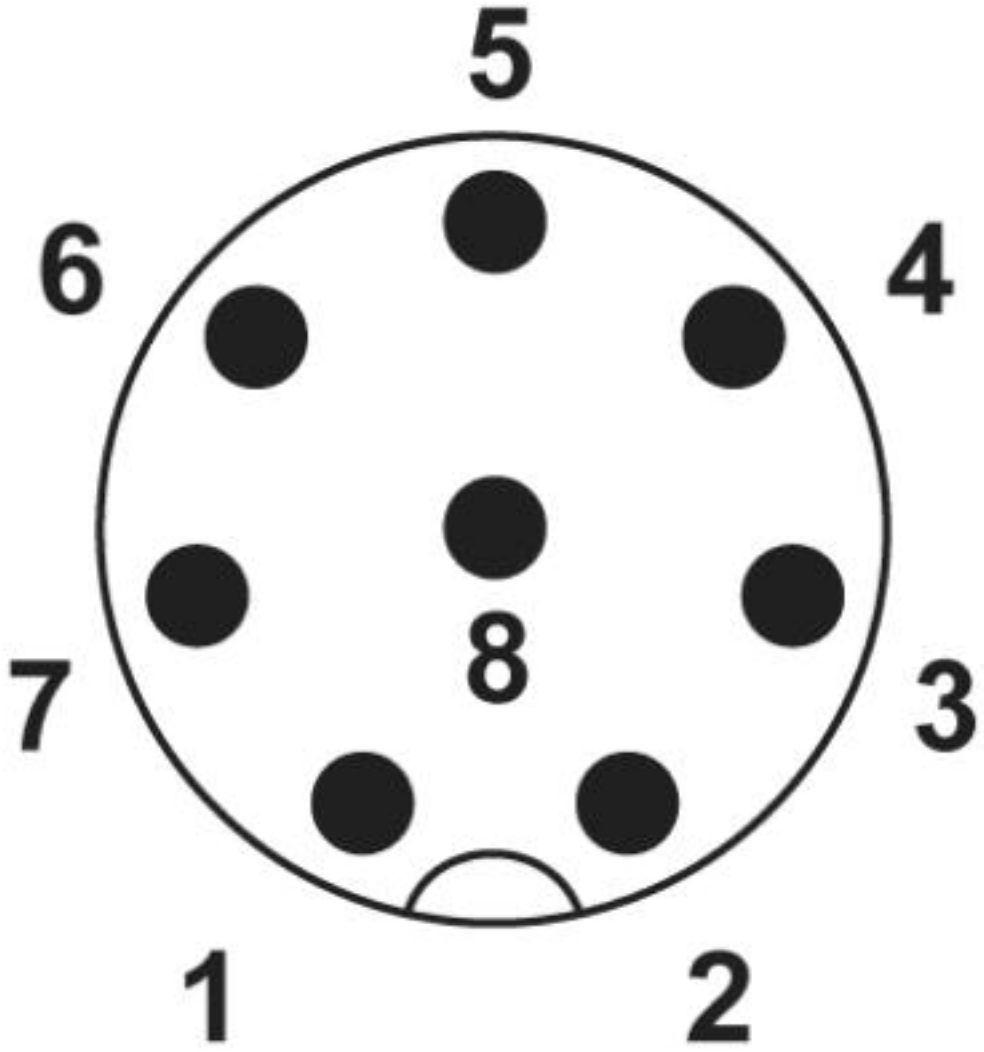
Dimensioned drawing



Locked area on the PCB

Flush-type connector - SACC-CI-M12MS-8CON-L90 SCO - 1436987

Schematic diagram



Pin assignment M12 plug, 8-pos., A-coded, view plug side

© Phoenix Contact 2013 - all rights reserved
http://www.phoenixcontact.com