Flush-type connector - SACC-DSI-MS-12CON-M12 SCO SH - 1437106

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Sensor/actuator flush-type connector, plug, 12-pos., M12 SPEEDCON, shielded, A-coded, rear/ screw mounting with M12 thread, with straight solder pins

Key commercial data

package_quantity	20
GTIN	4046356449618

Technical data

Dimensions

Length of the solder pin	6 mm

Ambient conditions

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

General

Rated current at 40°C	1.5 A
Rated voltage	30 V
Number of positions	12
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	Rear mounting M12 x 1 With flat nut

Material

Inflammability class according to UL 94	V0
Contact material	CuZn

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Material

Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

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	27440104
eCl@ss 8.0	27440104

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	1.5 A
mm²/AWG/kcmil	26-20

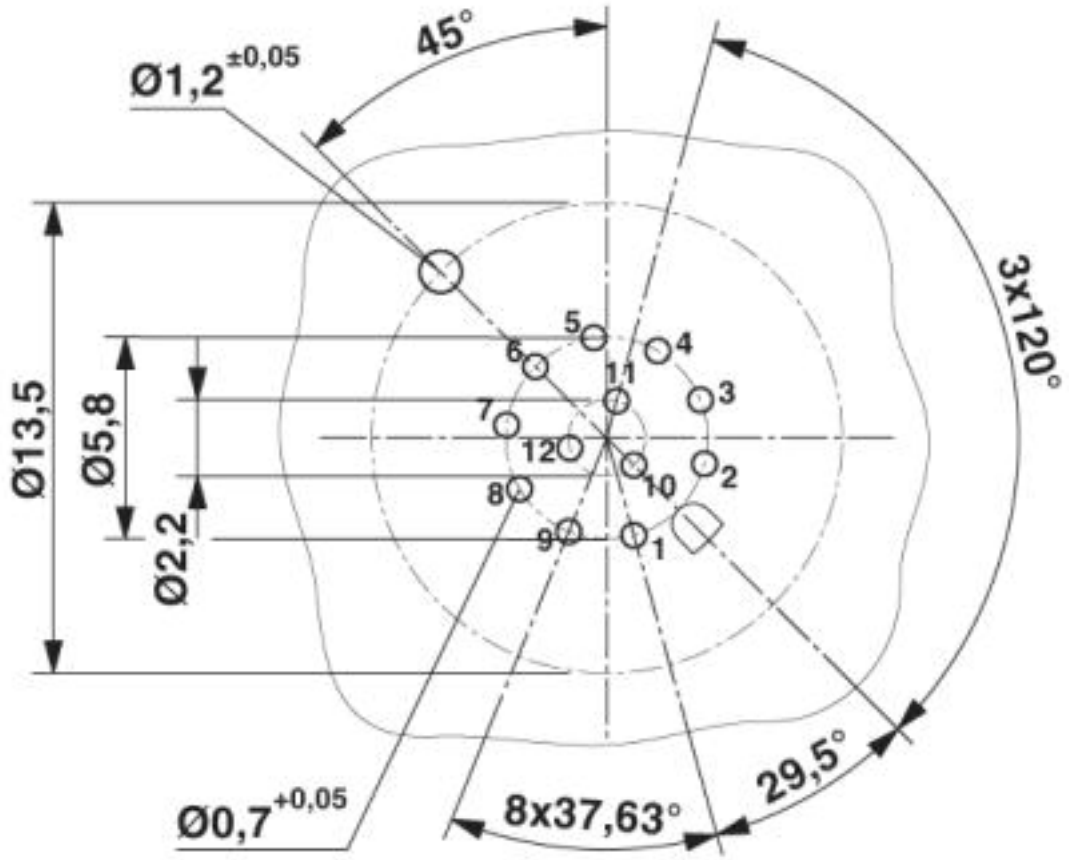
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approvals

GOST

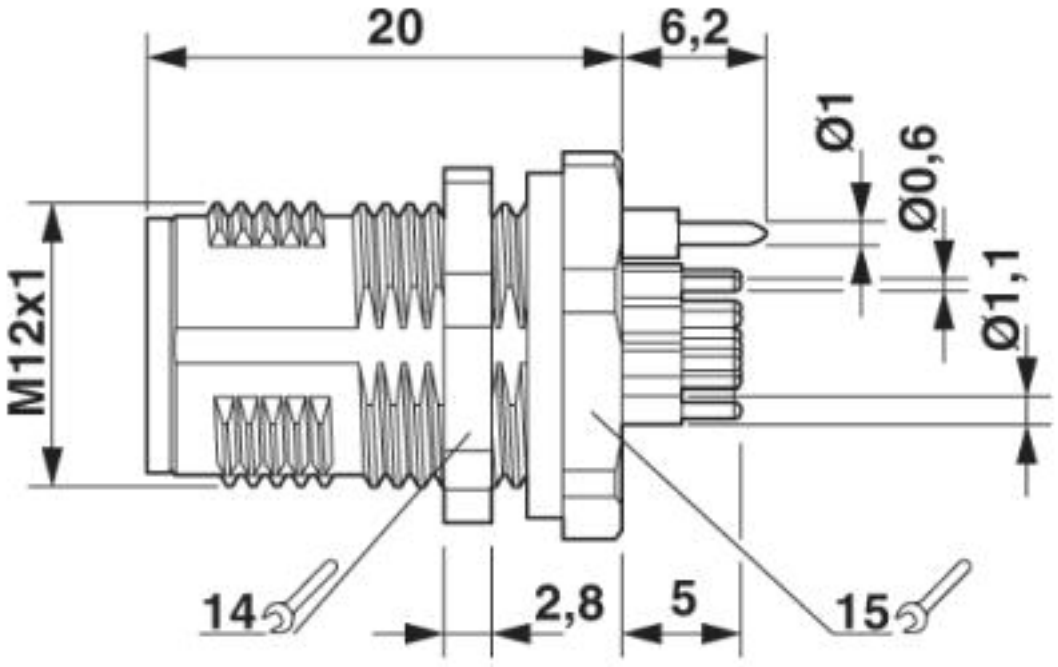
Drawings

Drilling diagram



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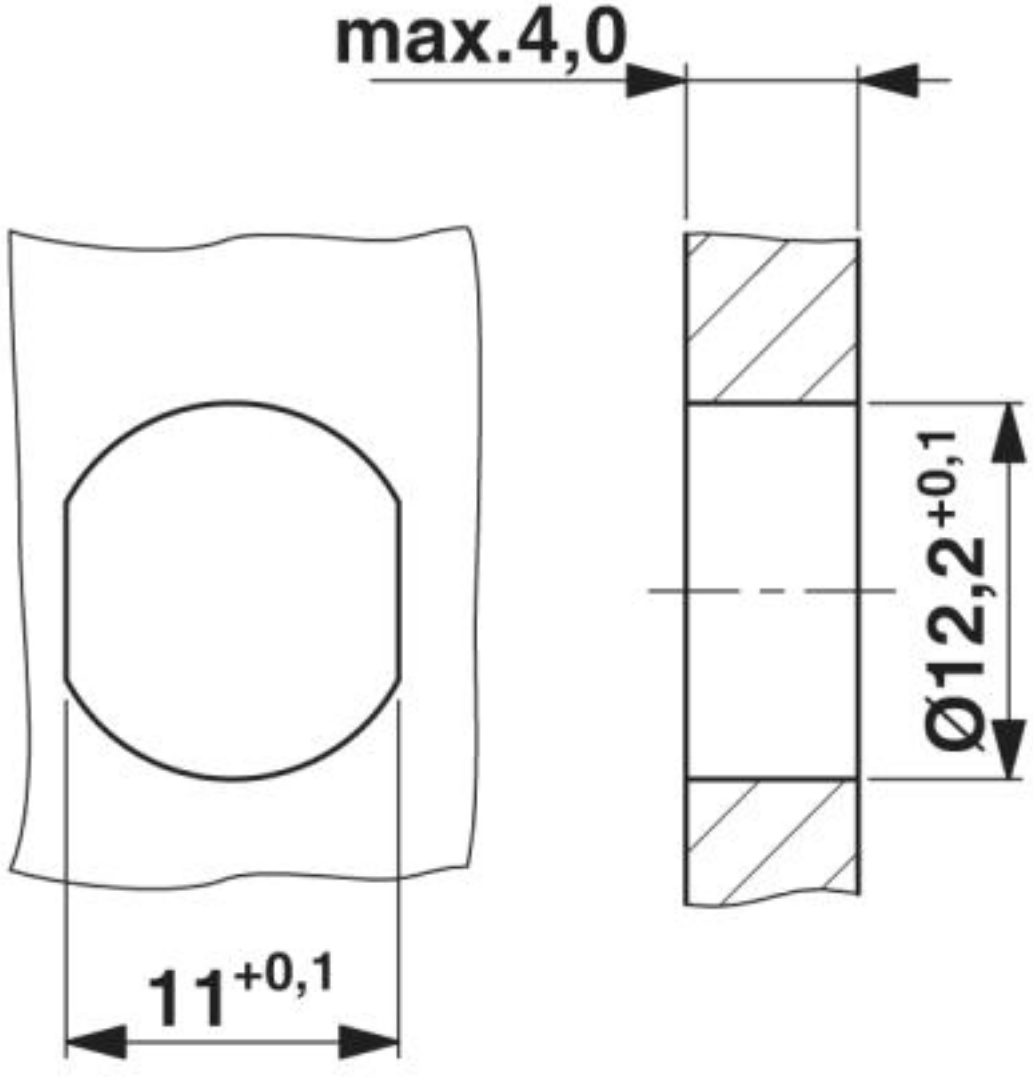
Dimensioned drawing



M12 flush-type connector

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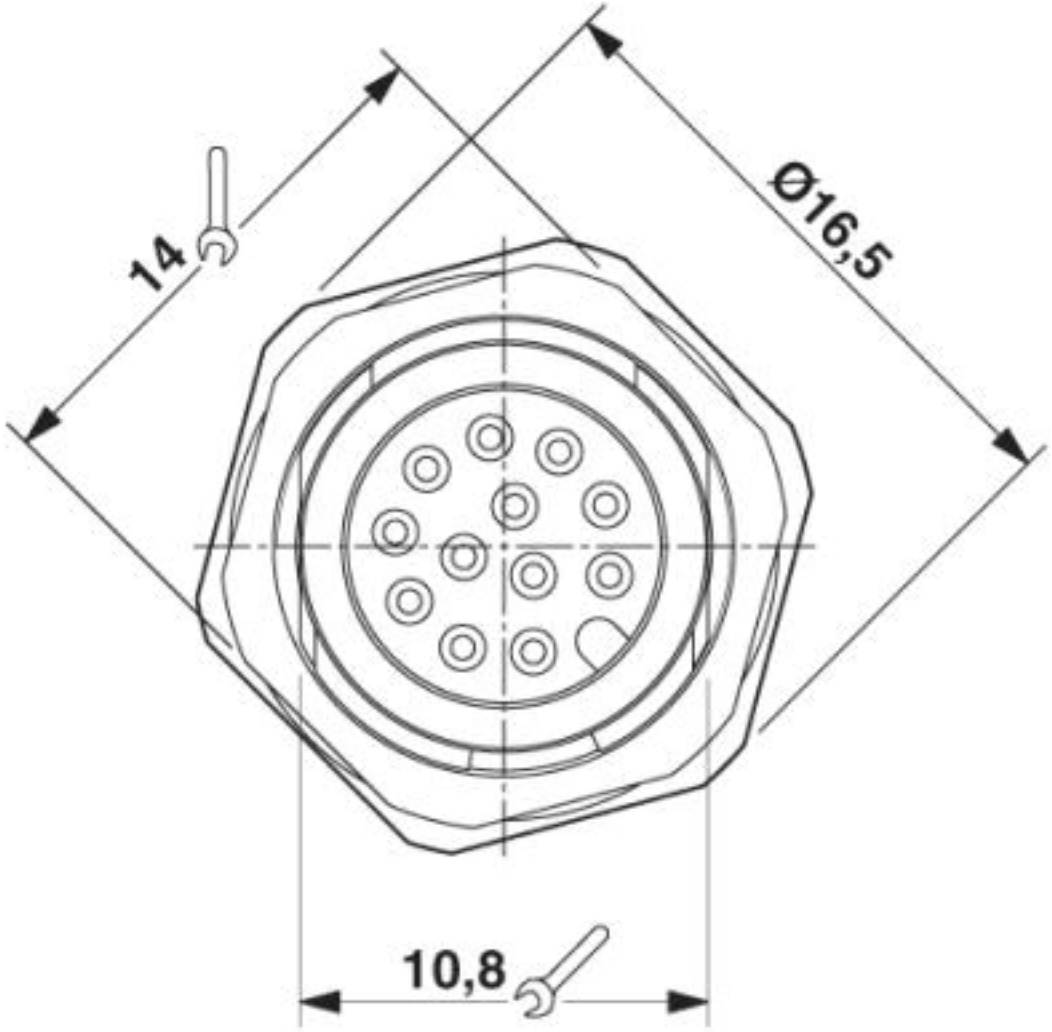
Dimensioned drawing



Panel cutout

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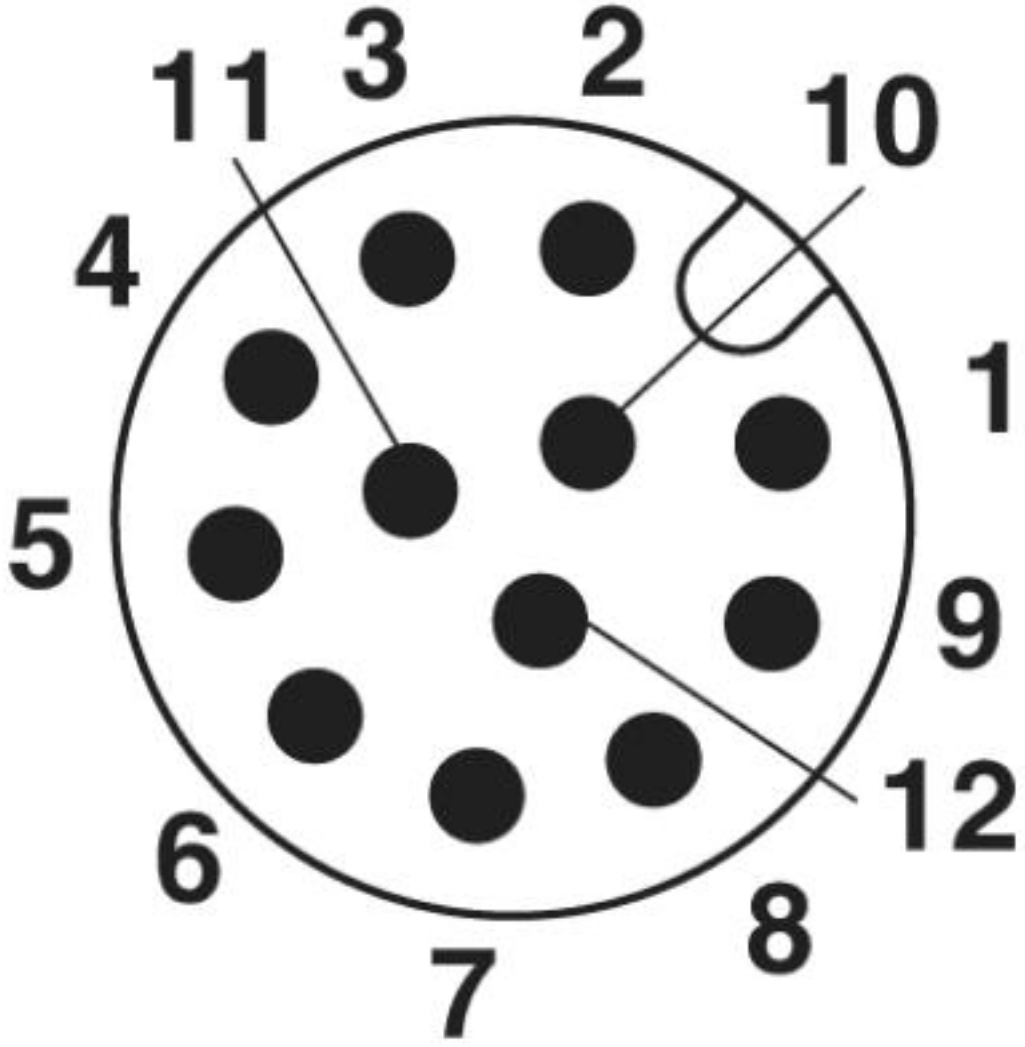
Dimensioned drawing



Front view of M12 flush-type connector

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Schematic diagram



Pin assignment M12 male connector, 12-pos., male side view

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