Flush-type connector - SACC-E-MS-12CON-M16/0,5 SCO - 1556265

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Sensor/actuator flush-type plug, 12-pos., M12 SPEEDCON, front/screw mounting with M16 thread, with 0.5 m PVC litz wire, 12 x 0.14 mm²

Key commercial data

package_quantity	1
GTIN	4046356176781

Technical data

Dimensions

Length of cable	0.5 m

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug)
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	Individual wires
Mounting type	Front mounting M16 x 1.5

Material

Inflammability class according to UL 94	V0
Contact material	CuZn

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Material

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

Cable

Cable type	TPE litz wire
Conductor cross section	0.14 mm²
AWG signal line	26
Wire colors	Color-coded DIN 47100
Material conductor insulation	TPE
Ambient temperature (operation)	-25 °C ... 85 °C (cable, fixed installation)

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	EC002062
ETIM 5.0	EC002062

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

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approvals

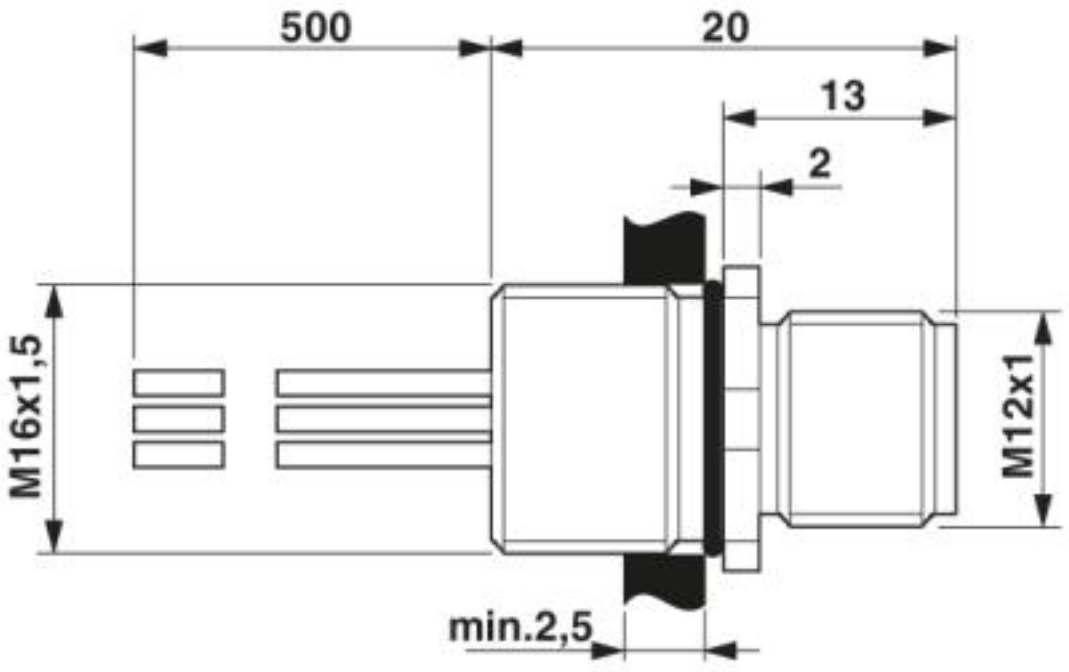
UL Recognized

Nominal voltage UN	30 V
Nominal current IN	1.5 A
mm²/AWG/kcmil	26-20

GOST

Drawings

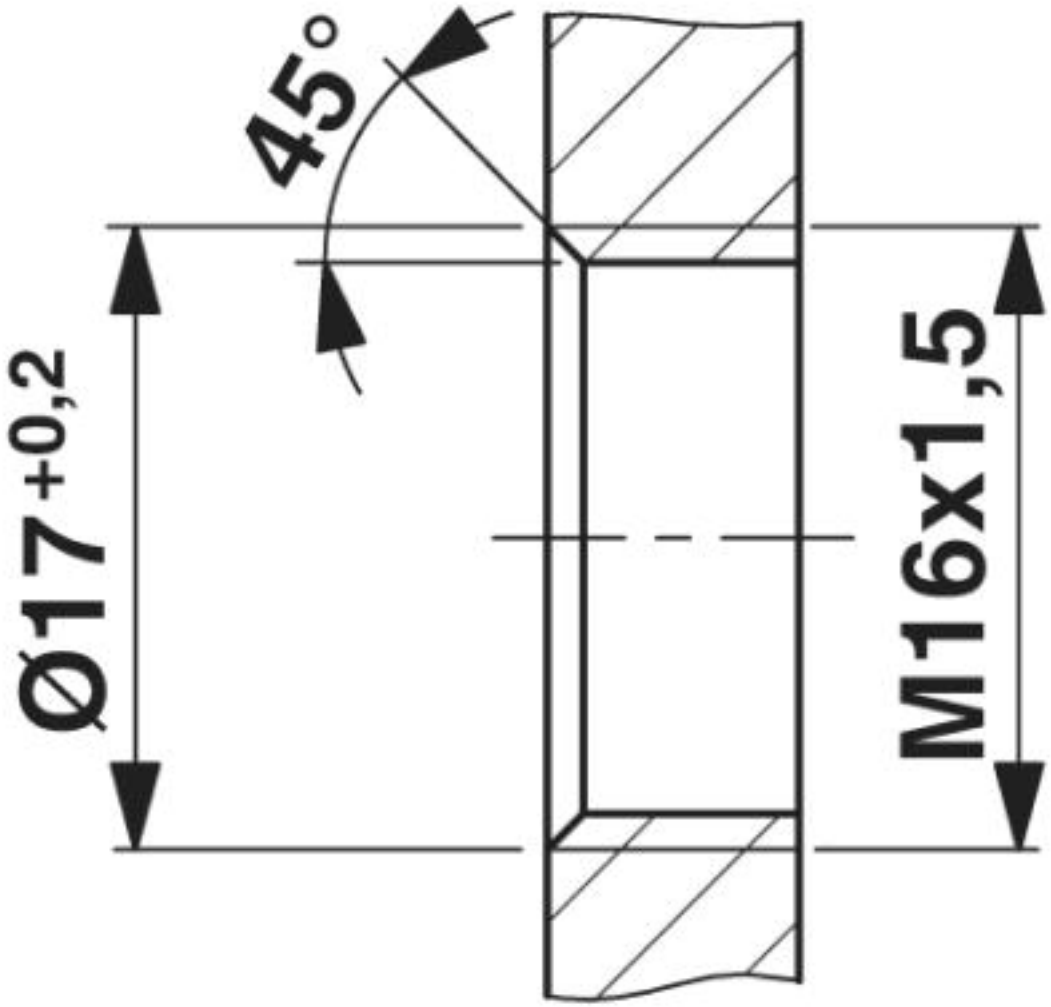
Dimensioned drawing



M12 flush-type plug

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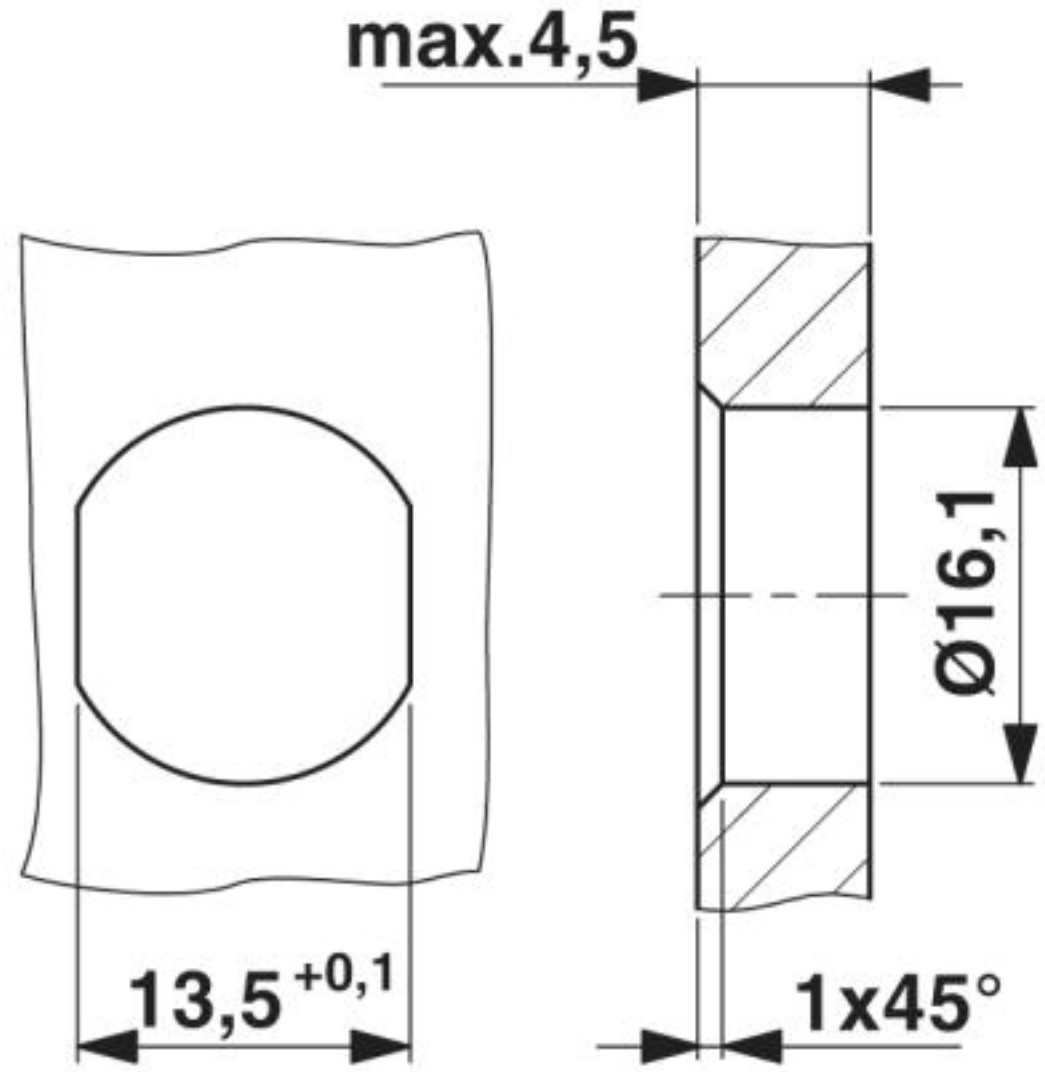
Dimensioned drawing



Housing cutout for M16 fastening thread, mounting panel with thread

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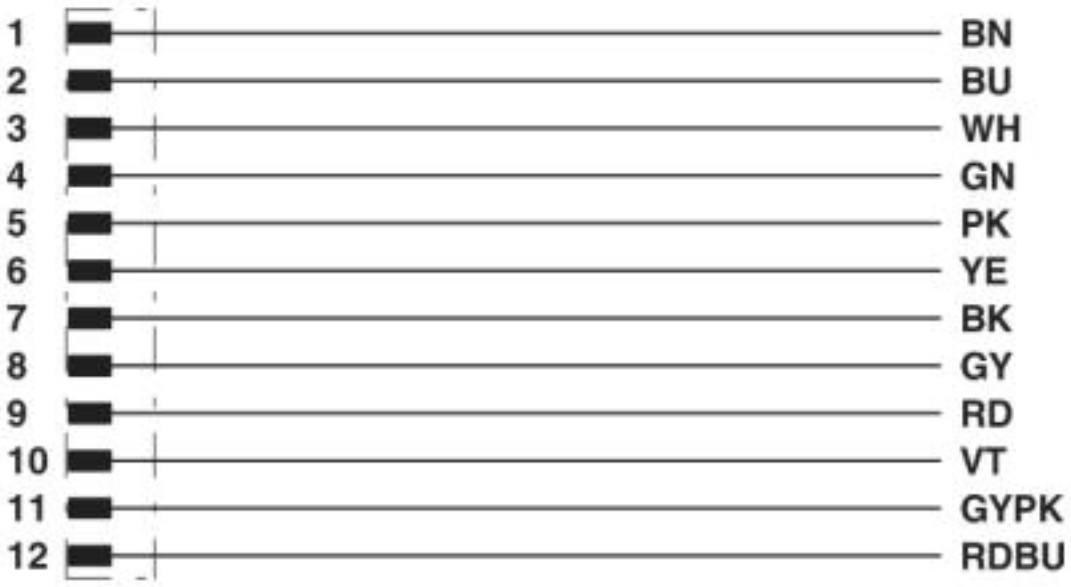
Dimensioned drawing



Housing cutout for M16 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)

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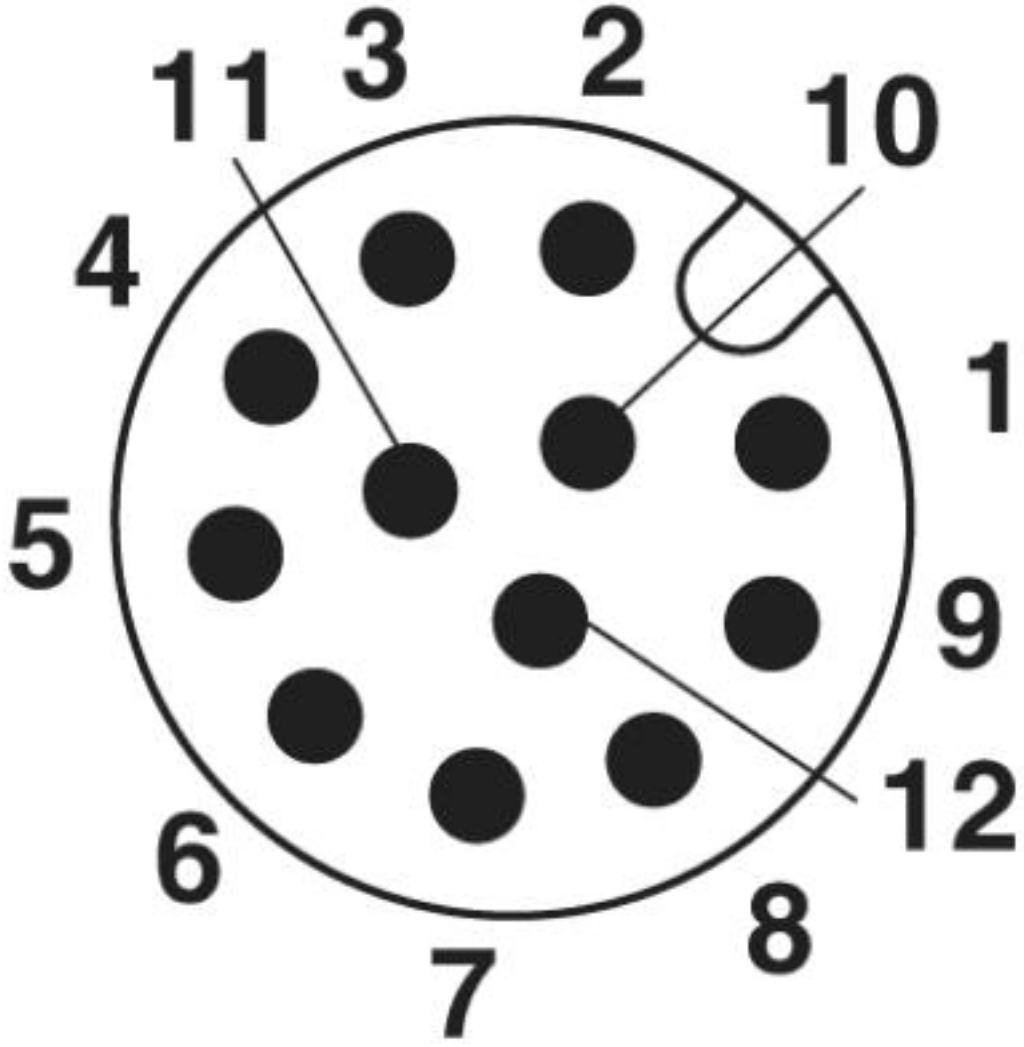
Circuit diagram



Contact assignment of the M12 plug

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Schematic diagram



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

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