Flush-type connector - SACC-EC-MS-5CON-M16/0,5 SCO - 1520068

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Sensor/Actuator flush-type plug, 5-pos., M12-SPEEDCON, A-coded, front/screw mounting with M16 thread, can be positioned, with 0.5 m TPE litz wire, 5 x 0.25 mm²

Key commercial data

package_quantity	1
GTIN	4046356020152

Technical data

Dimensions

Length of cable	0.5 m

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	60 V
Number of positions	5
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 With locking nut

Material

Inflammability class according to UL 94	V0
Contact material	CuZn

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Technical data

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	0.34 mm²
AWG signal line	22
Conductor structure signal line	7x 0.25 mm
Core diameter including insulation	1.2 mm ±0.07 mm
Thickness, insulation	0.21 mm
Wire colors	Black, brown,blue, white, gray
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≤ 57.6 mΩ/m
Nominal voltage, cable	300 V
Test voltage, cable	2000 V AC
Ambient temperature (operation)	-25 °C ... 90 °C (cable, fixed installation)

classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
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 2.0	EC001297
ETIM 3.0	EC002061
ETIM 4.0	EC002062
ETIM 5.0	EC002062

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501

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classifications

UNSPSC

UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

approvals

UL Recognized / GOST / GOST /

Approval details

UL Recognized

Nominal voltage UN	60 V
Nominal current IN	4 A
mm²/AWG/kcmil	26-20

GOST

accessories

Flat nut

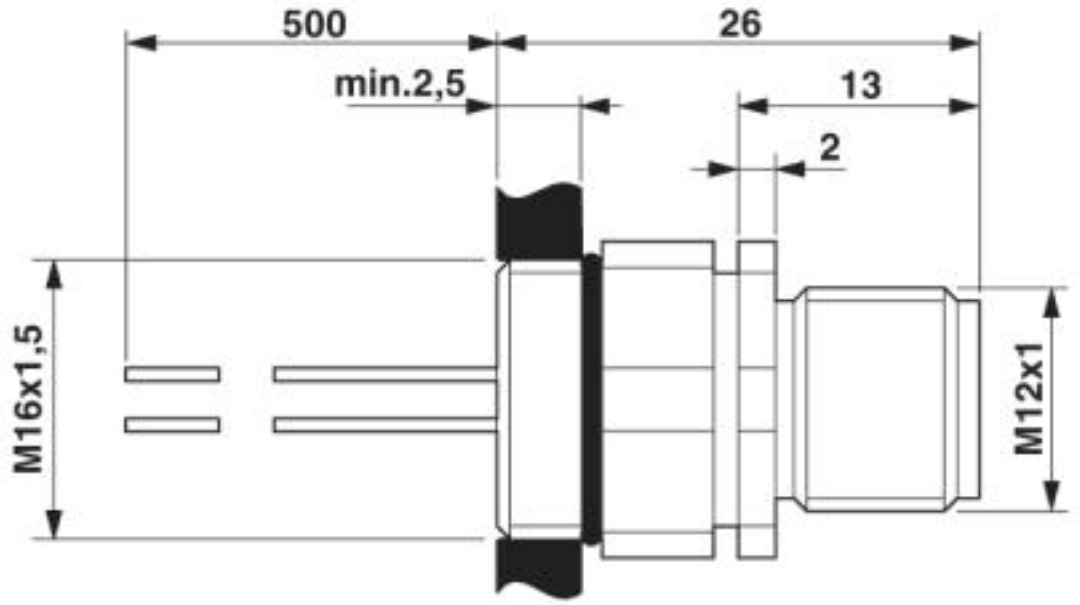
SACC-E-MU-M16 - 1504097



Drawings

Flush-type connector - SACC-EC-MS-5CON-M16/0,5 SCO - 1520068

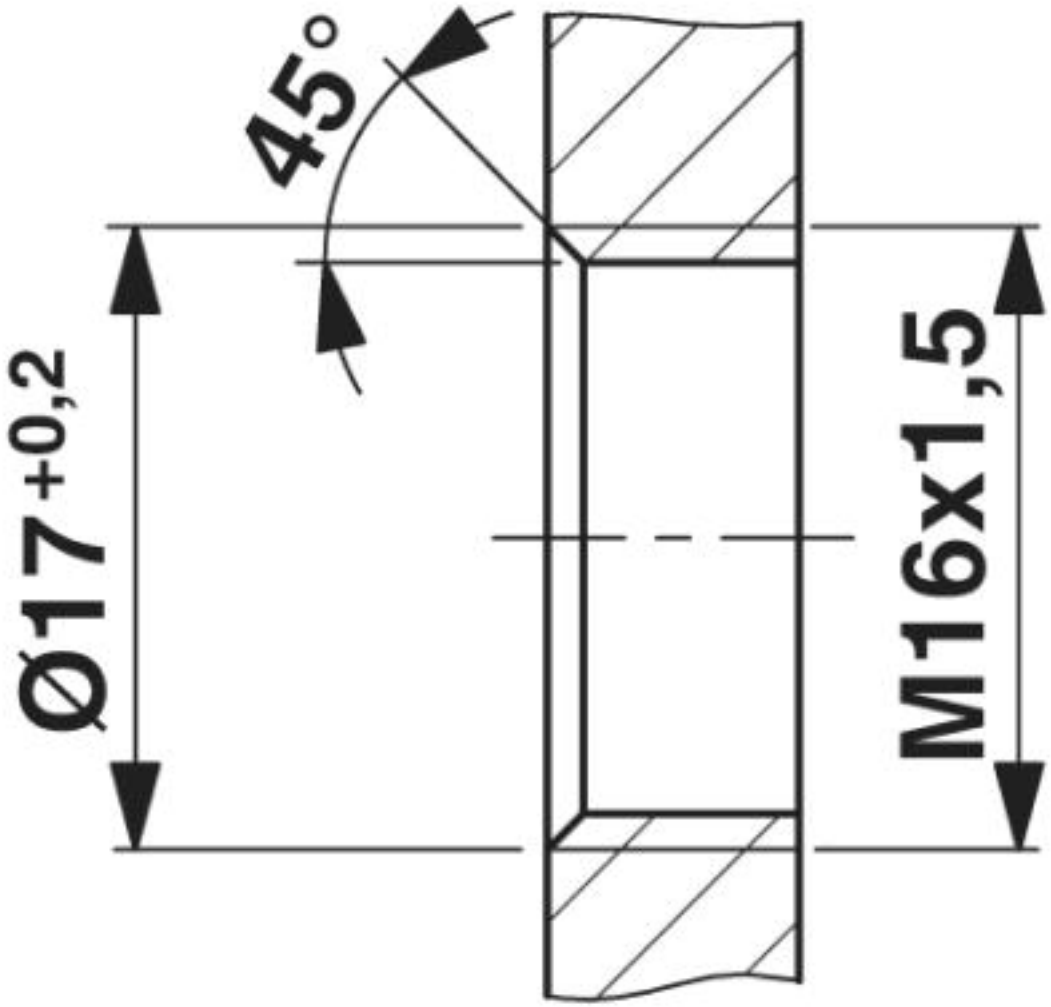
Dimensioned drawing



M12 flush-type socket, can be positioned

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Dimensioned drawing



Housing cutout for M16 fastening thread, mounting panel with thread

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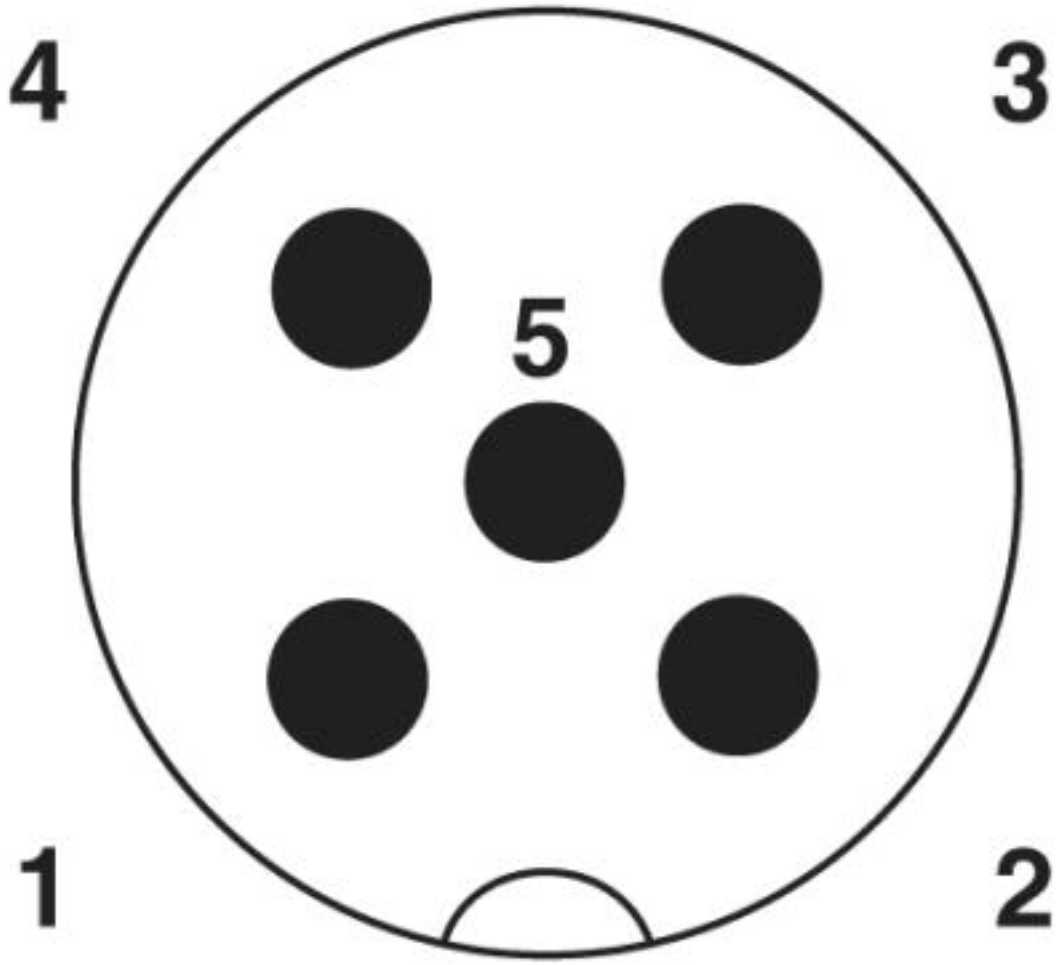
Circuit diagram



Contact assignment of the M12 plug and the M12 socket

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Schematic diagram



Pin assignment M12 male connector, 5-pos., A-coded, male side

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