

Flush-type connector - SACC-EC-MS-5CON-M16/2,0 SCO - 1446362

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 plug, 5-pos., M12 SPEEDCON, A-coded, front/screw mounting with M16 thread, can be positioned, with 2.0 m TPE litz wire, 5 x 0.34 mm²



Key commercial data

Packing unit	1 1
Minimum order quantity	50 1
Custom tariff number	85444290
Country of origin	Germany

Technical data

Dimensions

Length of cable	2 m
-----------------	-----

Ambient conditions

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

Flush-type connector - SACC-EC-MS-5CON-M16/2,0 SCO - 1446362

Technical data

Material

Inflammability class according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	Zinc die-cast, nickel-plated

Cable

Cable type	TPE litz wire
Conductor cross section	0.34 mm ²
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

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 4.0	EC002062
ETIM 5.0	EC002062

UNSPSC

UNSPSC 6.01	31251501
-------------	----------

Flush-type connector - SACC-EC-MS-5CON-M16/2,0 SCO - 1446362

Classifications

UNSPSC

UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Approvals

Approvals

Approvals

UL Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
mm²/AWG/kcmil	26-20
Nominal current I _N	4 A
Nominal voltage U _N	60 V

Accessories

Accessories

Flat nut

Flat nut - SACC-E-MU-M16 - 1504097



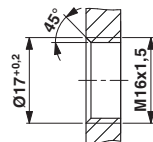
Flat nut with M16 thread

Flush-type connector - SACC-EC-MS-5CON-M16/2,0 SCO - 1446362

Accessories

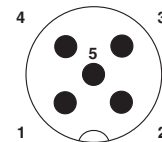
Drawings

Dimensioned drawing



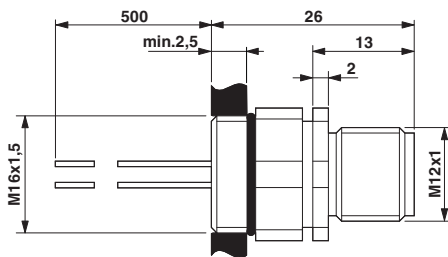
Housing cutout for M16 fastening thread, mounting panel with thread

Schematic diagram



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

Dimensioned drawing



M12 flush-type socket, can be positioned

Circuit diagram



Contact assignment of the M12 plug and the M12 socket