Flush-type connector - SACC-E-FS-5CON-M16/0,5 SCO - 1520039

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 socket, 5-pos., M12-SPEEDCON, A-coded, front/screw mounting with M16 thread, with 0.5 m TPE litz wire, 5 x 0.25 mm²

Key commercial data

Packing unit	1
Minimum order quantity	1
Catalog page	Page 28 (PC-2011)
GTIN	4 046356 020121
Custom tariff number	85444290
Country of origin	GERMANY

Technical data

General data

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Volume resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Length of cable	0.5 m
Ambient temperature (operation)	-25 °C ... 85 °C (Male connector / female connector)

General characteristics

Standards/regulations	M12 plug-in connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA 66
Material, knurls	Zinc die-cast, nickel-plated

Flush-type connector - SACC-E-FS-5CON-M16/0,5 SCO - 1520039

Technical data

General characteristics

Sealing material	NBR
Mounting type	Front mounting M16 x 1.5
Connection method	Individual wires
Status display	No

Conductor data

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, conductor	300 V
Test voltage, conductor	2000 V AC
Ambient temperature (operation)	-25 °C ... 90 °C (cable, fixed installation)

Classifications

eclass

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

etim

ETIM 2.0	EC001297
ETIM 3.0	EC002061
ETIM 4.0	EC002061

unspsc

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Flush-type connector - SACC-E-FS-5CON-M16/0,5 SCO - 1520039

Approvals

Approvals

Approvals

UL Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

mm²/AWG/kcmil	26-2
Nominal current IN	4 A
Nominal voltage UN	60 V

Accessories

Accessories

Assembly

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

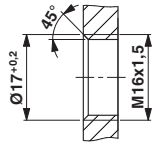


Flat nut with M16 thread

Drawings

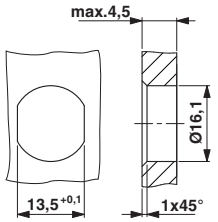
Flush-type connector - SACC-E-FS-5CON-M16/0,5 SCO - 1520039

Dimensioned drawing



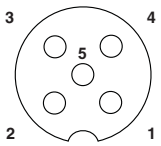
Housing cutout for M16 fastening thread, mounting panel with thread

Dimensioned drawing



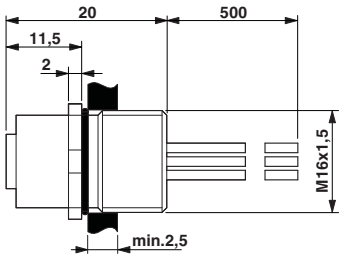
Housing cutout for M16 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)

Schematic diagram



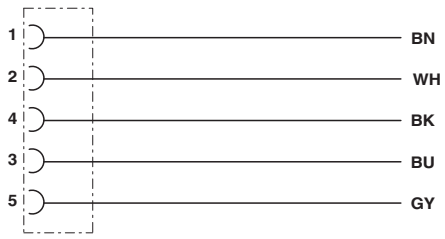
Pin assignment M12 socket, 5-pos., A-coded, socket side view

Dimensioned drawing



M12 flush-type connector

Circuit diagram



Contact assignment of the M12 plug and the M12 socket

© Phoenix Contact 2012 - all rights reserved
http://www.phoenixcontact.com