PHŒNIX CONTACT

Flush-type connector - SACC-E-M12FS-4CON-PG9/1,0 - 1503276

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, 4-pos., M12, A-coded, front/screw mounting with Pg9 thread, with 1 m TPE litz wire, 4 x 0.25 mm²

Key commercial data

Packing unit	1 1
Minimum order quantity	5 1
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length of cable	1 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	250 V
Number of positions	4
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	Individual wires

28.10.2013   Page 1 / 5

PHŒNIX CONTACT

Flush-type connector - SACC-E-M12FS-4CON-PG9/1,0 - 1503276

Technical data

Material

Inflammability class according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA66 GF
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	brown, white, blue, black
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires
Insulation resistance	$\geq$ 20 MΩ*km
Conductor resistance	$\leq$ 57.6 Ω/km
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 2.0	EC001297
ETIM 3.0	EC002061
ETIM 4.0	EC002061
ETIM 5.0	EC002061

Flush-type connector - SACC-E-M12FS-4CON-PG9/1,0 - 1503276

Classifications

UNSPSC

UNSPSC 6.01	31251501
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 IN	4 A
Nominal voltage UN	250 V

Accessories

Accessories

Flat nut

PHŒNIX CONTACT

Flush-type connector - SACC-E-M12FS-4CON-PG9/1,0 - 1503276
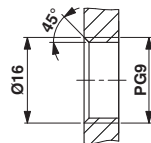
Accessories

Flat nut - SACC-E-MU-PG9 - 1504084
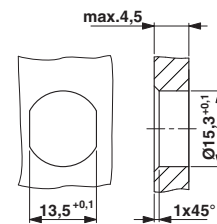
Flat nut with Pg9 thread

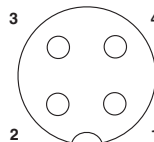
Drawings

Dimensioned drawing

Housing cutout for Pg9 fastening thread, mounting panel with thread
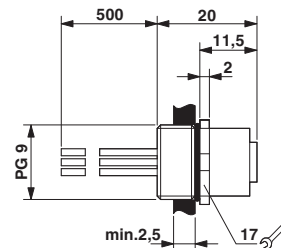
Dimensioned drawing

Housing cutout for Pg9 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)

Schematic diagram

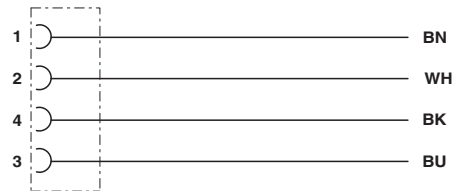Pin assignment M12 socket, 4-pos., A-coded, view female side

Dimensioned drawing

M12 flush-type connector

28.10.2013   Page 4 / 5

PHŒNIX CONTACT

Flush-type connector - SACC-E-M12FS-4CON-PG9/1,0 - 1503276

Circuit diagram

```
1 )——————————————— BN
2 )——————————————— WH
4 )——————————————— BK
3 )——————————————— BU
```

Contact assignment of the M12 plug and the M12 socket

单击下面可查看定价，库存，交付和生命周期等信息

[>>Phoenix Contact(菲尼克斯)](#)