

Flush-type connector - SACC-SQ-M12FSB-5CON-25F/0,5 - 1441558

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, B-coded, front/square flange mounting, with 0.5 m TPE litz wire, 5 x 0.34 mm²

Product Features

- ✓ 4 x fixing hole, 2.7 mm
- ✓ With form seal for M2.5 screws



Key commercial data

Packing unit	1 1
Custom tariff number	85444290
Country of origin	Germany

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	B - inverse
Standards/regulations	M12 connector IEC 61076-2-101

Flush-type connector - SACC-SQ-M12FSB-5CON-25F/0,5 - 1441558

Technical data

General

Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	Individual wires
Mounting type	Front mounting Square flange

Material

Inflammability class according to UL 94	V0
Contact material	CuZn
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 mm ²
AWG signal line	22
Wire colors	Brown, white, blue, black, gray
Conductor material	Tin-plated Cu litz wires
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	27279220
eCl@ss 7.0	27440103
eCl@ss 8.0	27440103

ETIM

ETIM 2.0	EC001297
ETIM 3.0	EC002061
ETIM 4.0	EC002061
ETIM 5.0	EC002061

Flush-type connector - SACC-SQ-M12FSB-5CON-25F/0,5 - 1441558

Classifications

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413

Approvals

Approvals

Approvals

UL Recognized / GOST / GOST

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

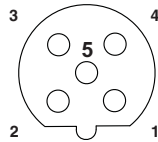
GOST 
--

GOST 
--

Drawings

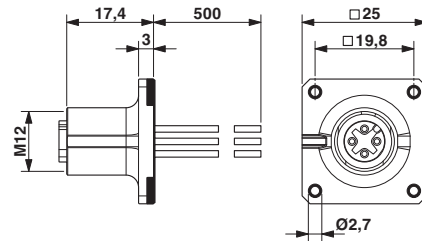
Flush-type connector - SACC-SQ-M12FSB-5CON-25F/0,5 - 1441558

Schematic diagram



Pin assignment M12 socket, 5-pos., B-coded, female side

Dimensioned drawing



Circuit diagram



Contact assignment of the M12 plug and the M12 socket