Bus system flat-type plug - SACC-DSI-FSD-4CON-PG9/0,5 SCO - 1551529

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)



Bus system flush-type socket, PROFINET, 4-pos., M12 SPEEDCON, D-coded, front/screw mounting with Pg9 thread, with 0.5 m TPE litz wire, 4 x 0.34 mm²

Key commercial data

package_quantity	1
GTIN	4046356153614

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

Note	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 8.2 Connectors for Outside Environment (Balanced cabling)
Rated current at 40°C	4 A
Rated voltage	250 V
Number of positions	4
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	D - data
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	Individual wires
Insertion/withdrawal cycles	≥ 100
Mounting type	Rear mounting Pg9 With flat nut

Bus system flat-type plug - SACC-DSI-FSD-4CON-PG9/0,5 SCO - 1551529

Technical data

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 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	Yellow, orange, white, blue
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≤ 57.6 mΩ/m
Transmission characteristics (category)	CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)
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	27250313
eCl@ss 4.1	27250313
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 3.0	EC002061
ETIM 4.0	EC002061
ETIM 5.0	EC002061

UNSPSC

UNSPSC 6.01	31261501

Bus system flat-type plug - SACC-DSI-FSD-4CON-PG9/0,5 SCO - 1551529

classifications

UNSPSC

UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

approvals

UL Recognized / GOST / GOST /

Approval details

UL Recognized

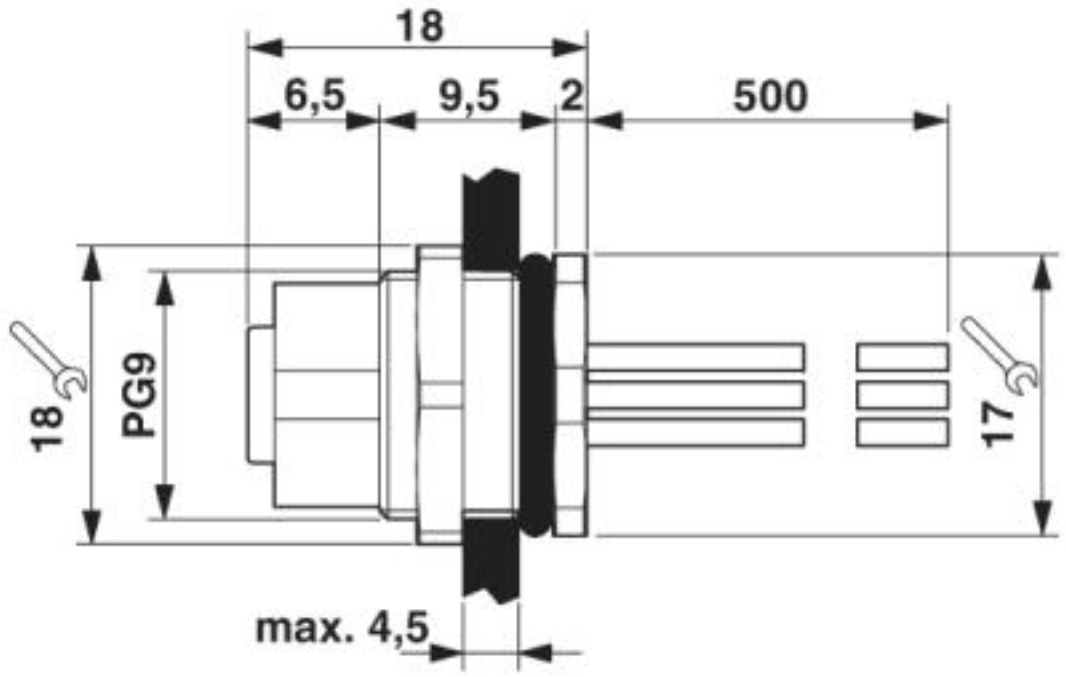
Nominal voltage UN	250 V
Nominal current IN	4 A
mm²/AWG/kcmil	26-20

GOST

Drawings

Bus system flat-type plug - SACC-DSI-FSD-4CON-PG9/0,5 SCO - 1551529

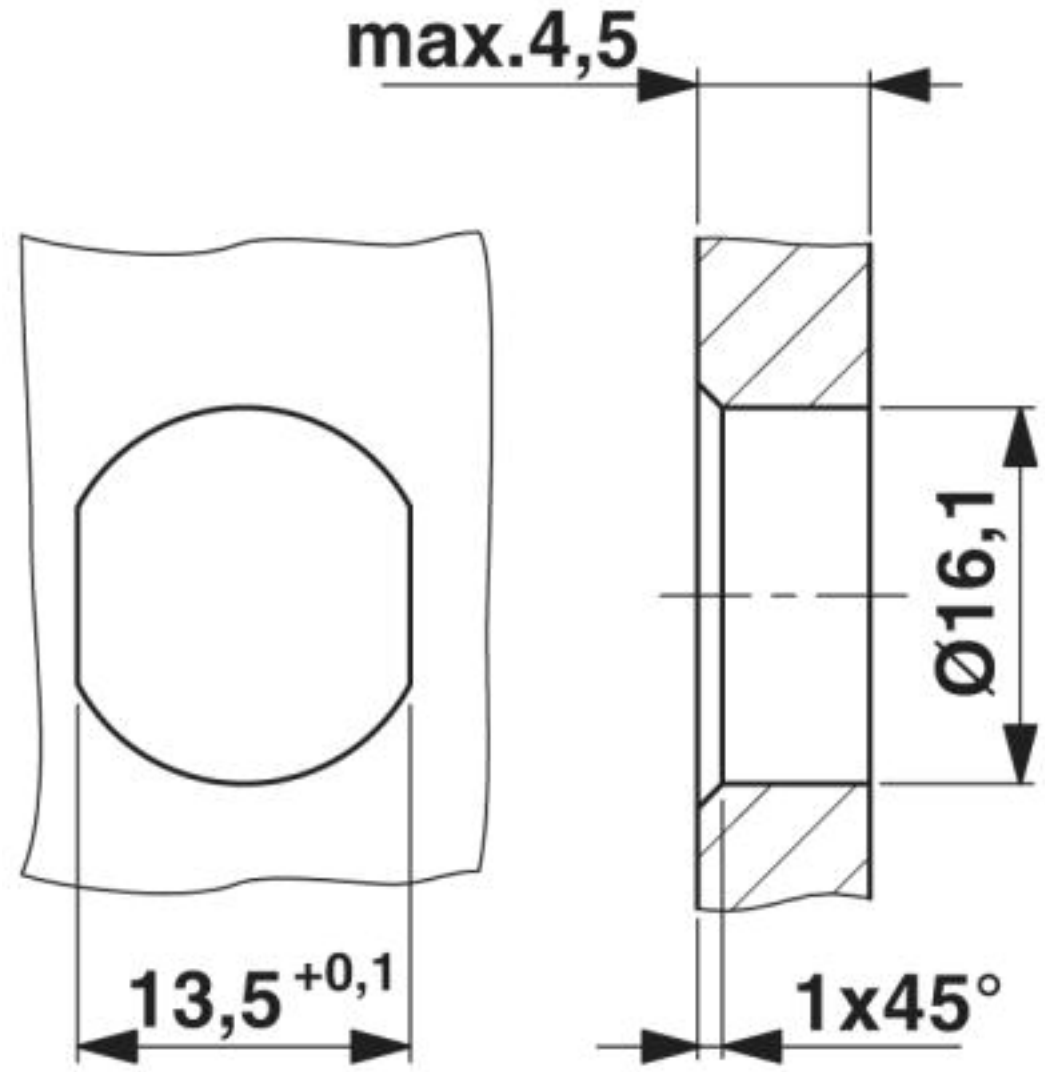
Dimensioned drawing



M12 flush-type connector

Bus system flat-type plug - SACC-DSI-FSD-4CON-PG9/0,5 SCO - 1551529

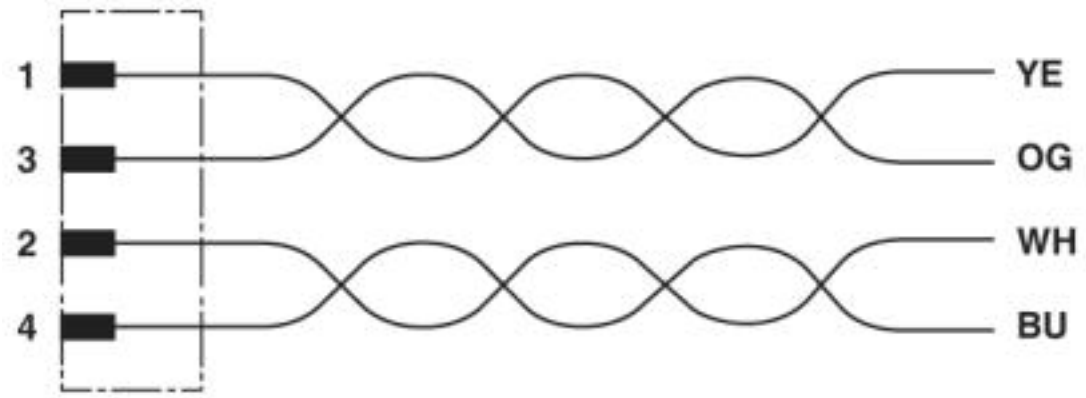
Dimensioned drawing



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

Bus system flat-type plug - SACC-DSI-FSD-4CON-PG9/0,5 SCO - 1551529

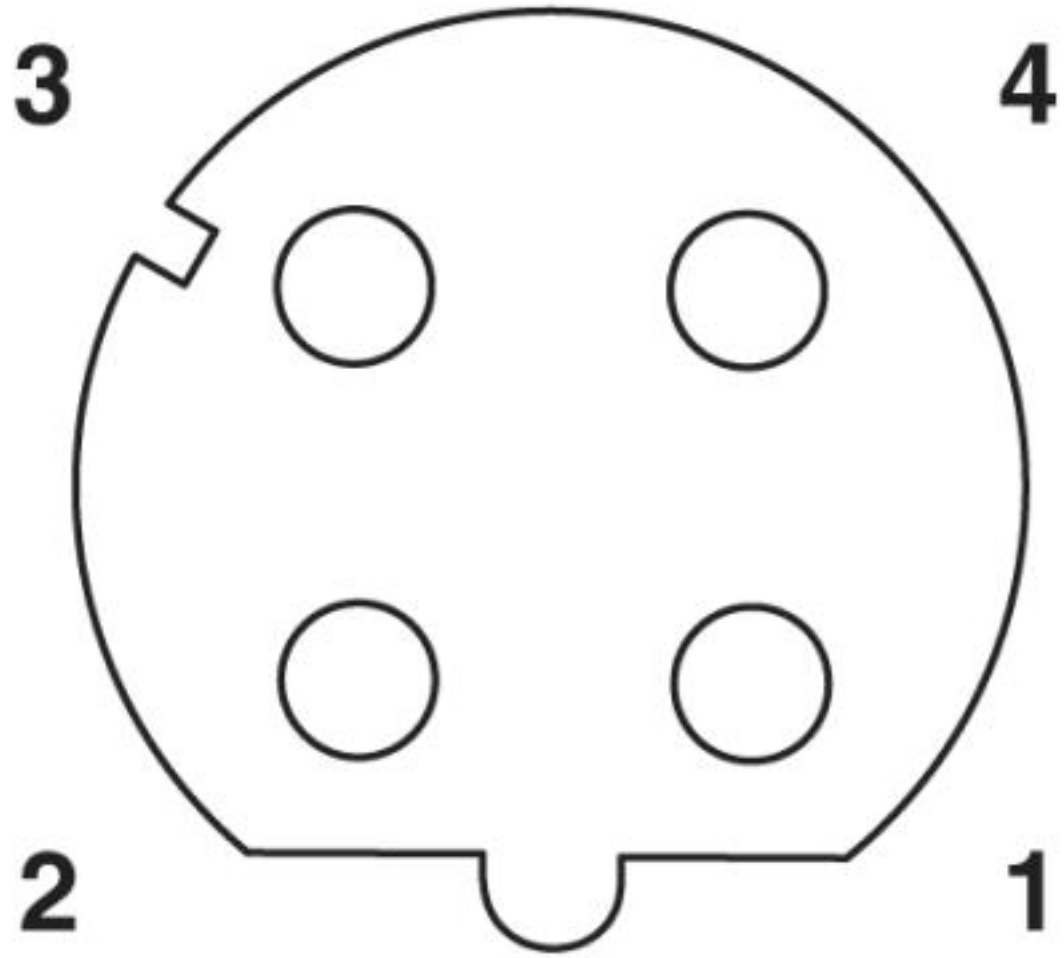
Circuit diagram



Contact assignment of the M12 socket

Bus system flat-type plug - SACC-DSI-FSD-4CON-PG9/0,5 SCO - 1551529

Schematic diagram



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

© Phoenix Contact 2013 - all rights reserved
http://www.phoenixcontact.com