![PHOENIX CONTACT]

Panel feed-through - SACC-DSI-MSB-5CON-L180/SCO SH - 1553051

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://phoenixcontact.com/download)

Sensor/actuator flush-type plug, 5-pos., M12-SPEEDCON, shielded, B-coded, rear/screw mounting with Pg9 thread, with straight solder connection

Your advantages

☑ Easy PCB assembly: one-piece connectors for wave soldering

☑ All standard pin assignments and codings for signal, data, and power transmission with a uniform design-in design

☑ SPEEDCON fast locking system reduces cabling times

☑ For high transmission reliability: optional shield connection to the housing by means of shield contact

RoHS

Key Commercial Data

Packing unit	20 pc
Minimum order quantity	20 pc
GTIN	4 046356 162241
GTIN	4046356162241

Technical data

Dimensions

Length of the solder pin	6 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)
Degree of protection	IP67 (When plugged in)
	IP65 (When plugged in)

General

Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.

Panel feed-through - SACC-DSI-MSB-5CON-L180/SCO SH - 1553051

Technical data

General

Rated current at 40°C	4 A
Rated voltage	60 V
Rated surge voltage	1.5 kV
Number of positions	5
Insulation resistance	≥ 100 MΩ
Coding	B - inverse
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Solder pins
Insertion/withdrawal cycles	> 100
Torque	3 Nm ... 4 Nm (Installation-side)
Mounting type	Rear mounting Pg9 With flat nut

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA 6.6
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Standards and Regulations

Standards/specifications	M12 connector IEC 61076-2-101
Flammability rating according to UL 94	V0

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

PHŒNIX CONTACT

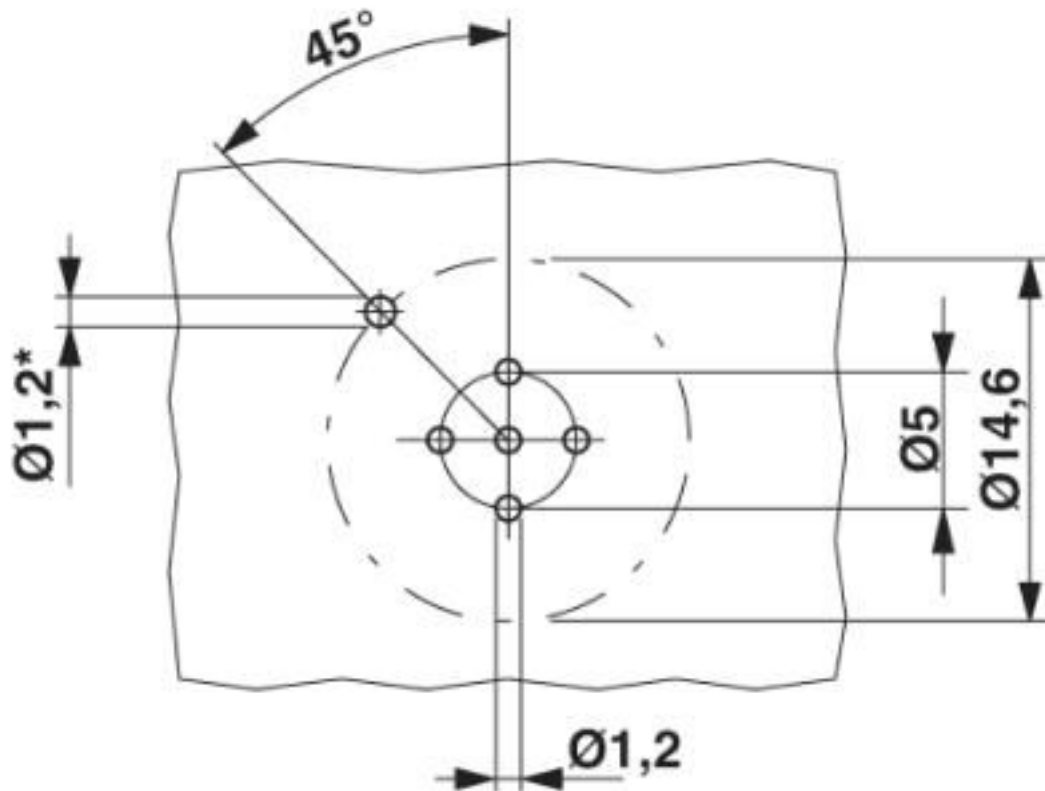# Panel feed-through - SACC-DSI-MSB-5CON-L180/SCO SH - 1553051

Dimensional drawing
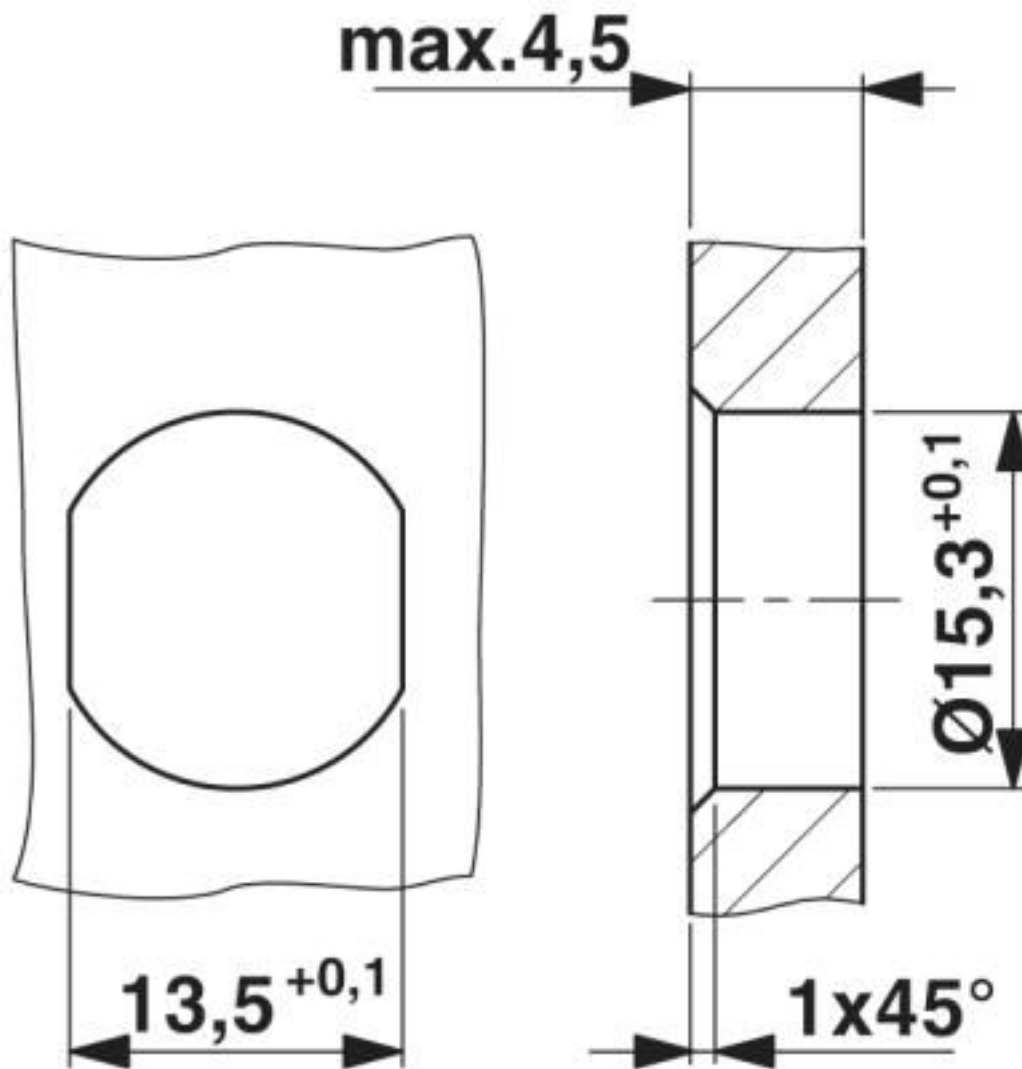
Housing cutout for Pg9 fastening thread, mounting panel with feed-through hole (alternatively with area as anti-rotation protection for panel thicknesses > 2 mm up to max. 4.5 mm)
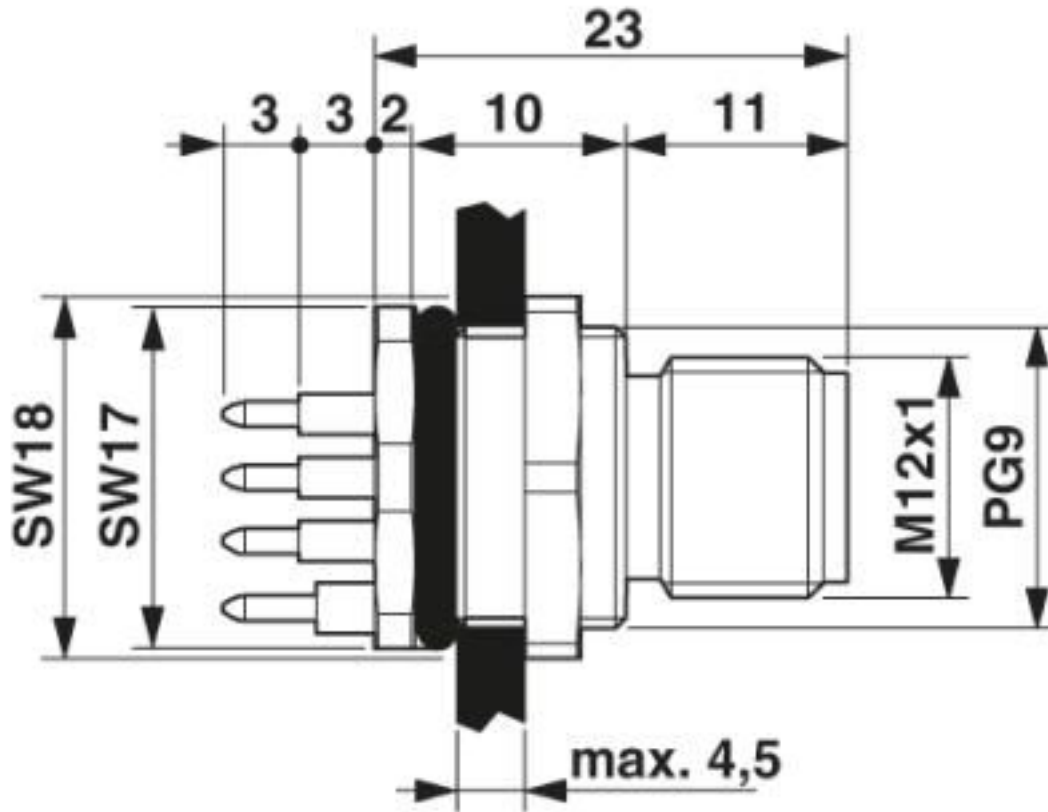
PHŒNIX CONTACT

Panel feed-through - SACC-DSI-MSB-5CON-L180/SCO SH - 1553051

Drilling diagram

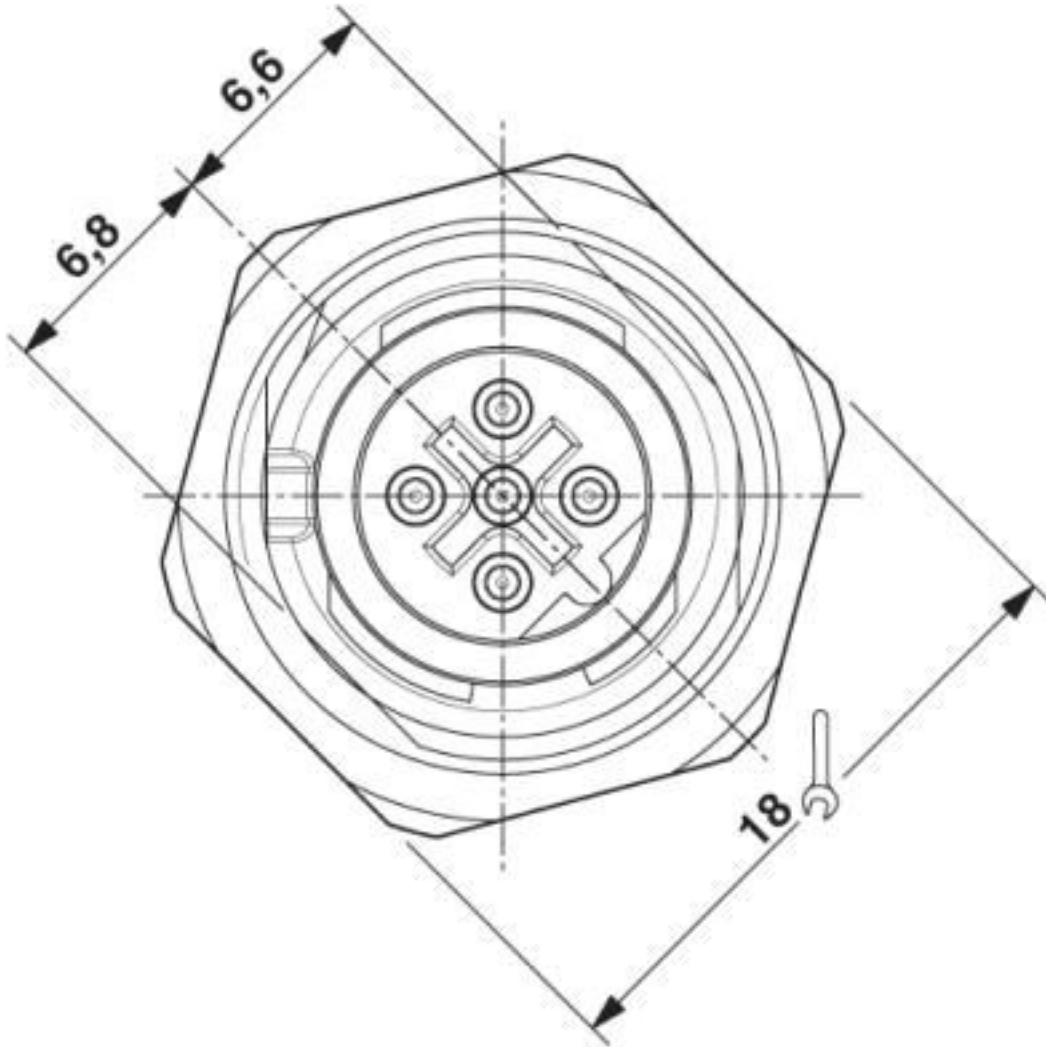# Panel feed-through - SACC-DSI-MSB-5CON-L180/SCO SH - 1553051

Dimensional drawing

M12 flush-type connector

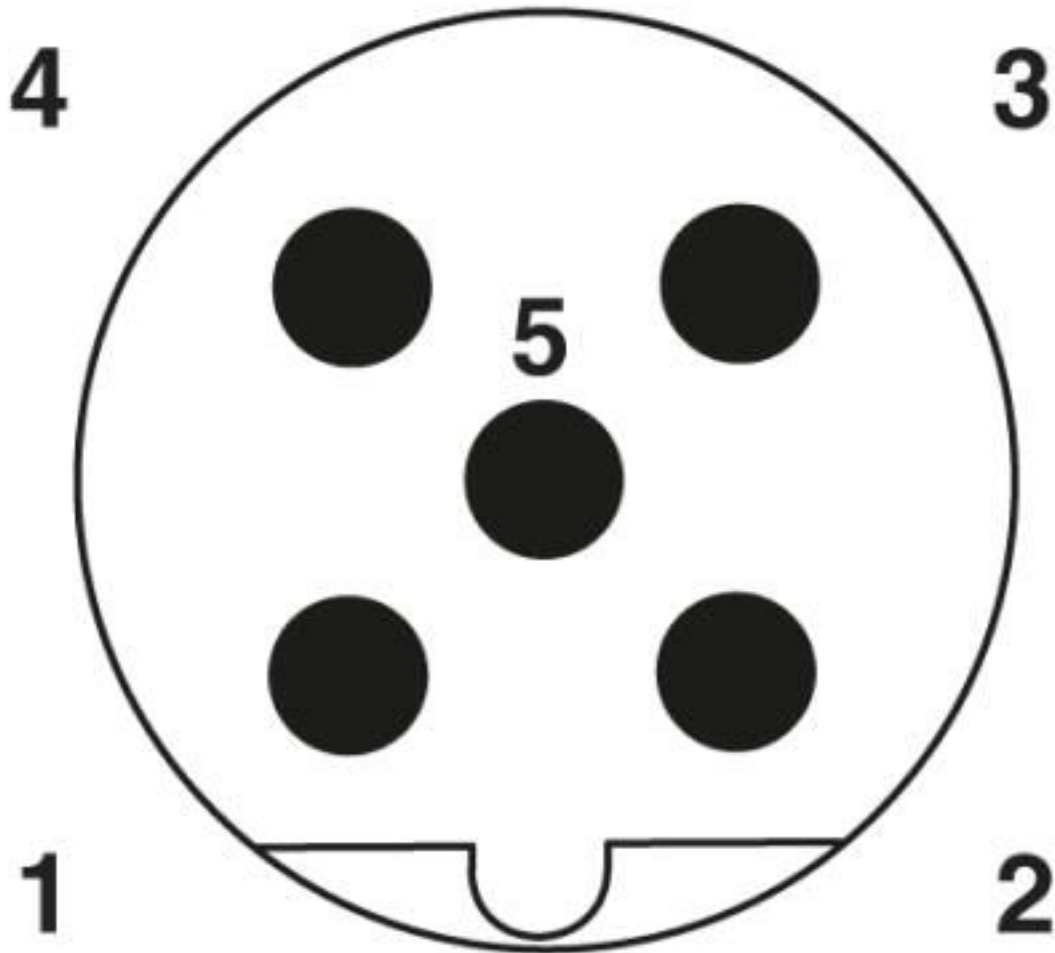# Panel feed-through - SACC-DSI-MSB-5CON-L180/SCO SH - 1553051

Dimensional drawing

6,6

6,8

18

M12 front view

PHŒNIX CONTACT

Panel feed-through - SACC-DSI-MSB-5CON-L180/SCO SH - 1553051

Schematic diagram

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

Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27143400
eCl@ss 6.0	27279200
eCl@ss 7.0	27440103
eCl@ss 8.0	27440103
eCl@ss 9.0	27440102

PHŒNIX CONTACT

Panel feed-through - SACC-DSI-MSB-5CON-L180/SCO SH - 1553051

Classifications

ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002062
ETIM 5.0	EC002061
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121413

Approvals

Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

Approval details

EAC	EAC	B.01687

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E221474-20140616
Nominal voltage UN	60 V	
Nominal current IN	4 A	
mm²/AWG/kcmil	22-20	

Panel feed-through - SACC-DSI-MSB-5CON-L180/SCO SH - 1553051

Accessories

Accessories

Protective cap

Sealing cap - PROT-M12 FS - 1560251

M12 sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

Sealing cap - PROT-M12 FS-M - 1430488

M12 metal sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

Seal

Flat gasket - SACC-PG9-SEAL CLM - 1556320

Pg9 flat gasket for the rear mounting of M12 flush-type connectors with Pg9 fastening threads

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Circular Metric Connectors *category:*

Click to view products by Phoenix Contact *manufacturer:*

Other Similar products are found below :

600X518037X 6STD15PCR99B70A 8R4000A16M020 8R5000A16M005 1200910002 1203580030 1200910008 1200910011 1300140094 130203-0054 1300140026 1300150099 RF-12S1N8A90DU 1-3637-600-5205 1612618 21036836414 8R4006A16M010 1604232 1R3006A20M005 RF-12P1N8A80DU RF-12P1N8A90DU 41-40011 42-00006 42-01015 4-22279-4 4-22281-1 4-22284-9 43-00113 43-01088 43-01203 41-40013 42-00008 43-00343 43-01026 43-01162 43-01173 43-10000 XS3P-M421-2 600X518050X SACC-DSI-FS-5P-PG9-L180 SC 8R5006A16M020 8R5006A16M005 8R4000A16M010 6-22279-3 1605332 N03FA03144 1300140077 43-16213 43-01338 XS2RD4265