

SACC-E-MINMS-5CON-PG13/0,5 - Device connector front mounting



1521452

<https://www.phoenixcontact.com/us/products/1521452>

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Sensor/actuator flush-type plug, 5-pos., 7/8", front mounting with Pg13.5 thread, with 0.5 m PVC litz wire, 5 x 0.75 mm²

Commercial data

Item number	1521452
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB39
Product key	ABRSAA
Catalog page	Page 49 (C-4-2015)
GTIN	4017918949679
Weight per piece (including packing)	74.8 g
Weight per piece (excluding packing)	52.1 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Mounting

Mounting type	Front mounting Pg13.5
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Product properties

Product type	Circular connectors (device side)
Number of positions	5
No. of cable outlets	1
Shielded	no
Coding	A
Thread type	7/8"

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	HB
Seal material	Viton
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PUR
Material for screw connection	Zinc die-cast, nickel-plated

Electrical properties

Contact resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	250 V
Nominal current I_N	9 A

Connection data

Conductor connection

Connection method	Individual wires
Contact connection type	Socket
Conductor cross section	0.75 mm ²

Connector

Connection 1

Head design	Pin
Head cable outlet	straight
Head thread type	7/8"-16UNF

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Connection 2

Head design	free cable end
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Cable/line

Cable length	0.5 m
Cable type	PVC litz wire
Wire diameter incl. insulation	2.7 mm
Single wire, color	brown, white, blue, black, green-yellow
Cable cross section	0.75 mm ²
Conductor structure signal line	24x 0.20 mm
AWG signal line	18
Material wire insulation	PE
Thickness, insulation	0.85 mm (Core insulation)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation)	-40 °C ... 85 °C (Plug)
	-40 °C ... 85 °C (cable, fixed installation)

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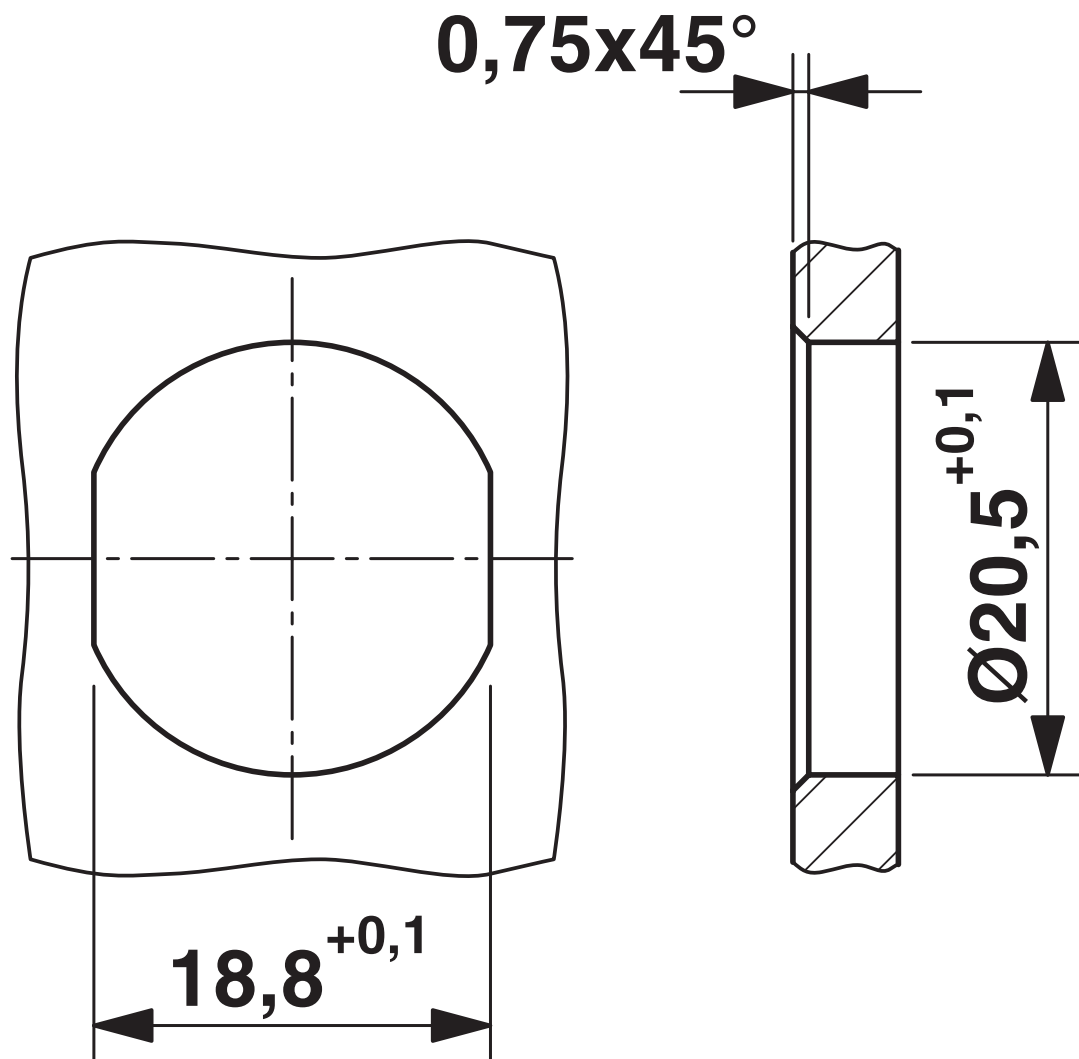


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Drawings

Dimensional drawing



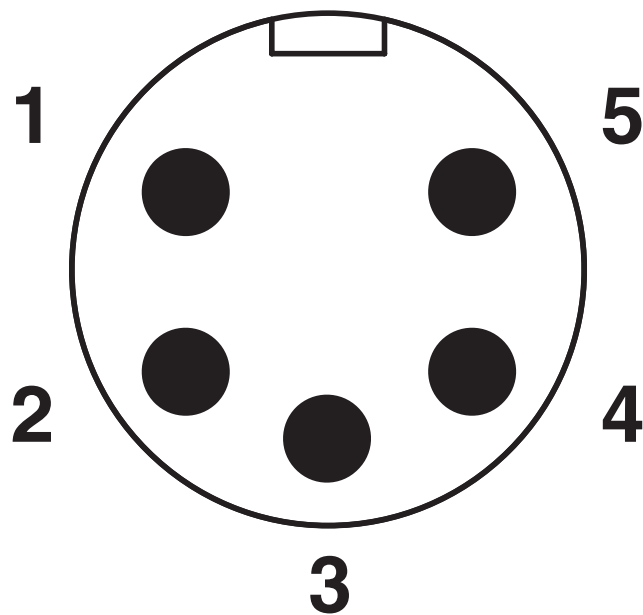
Mounting panel with feed-through hole

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Schematic diagram



Pin assignment, plug, 7/8"-16UNF, 5-pos., view of male side

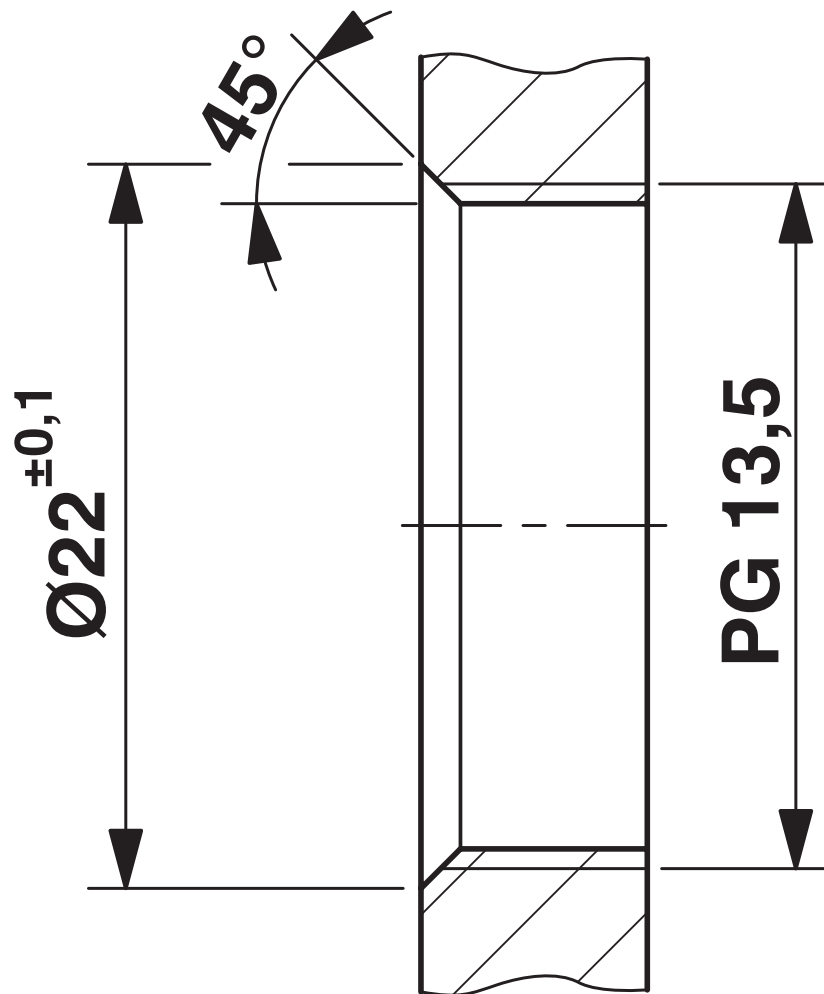
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Dimensional drawing



Mounting panel with thread

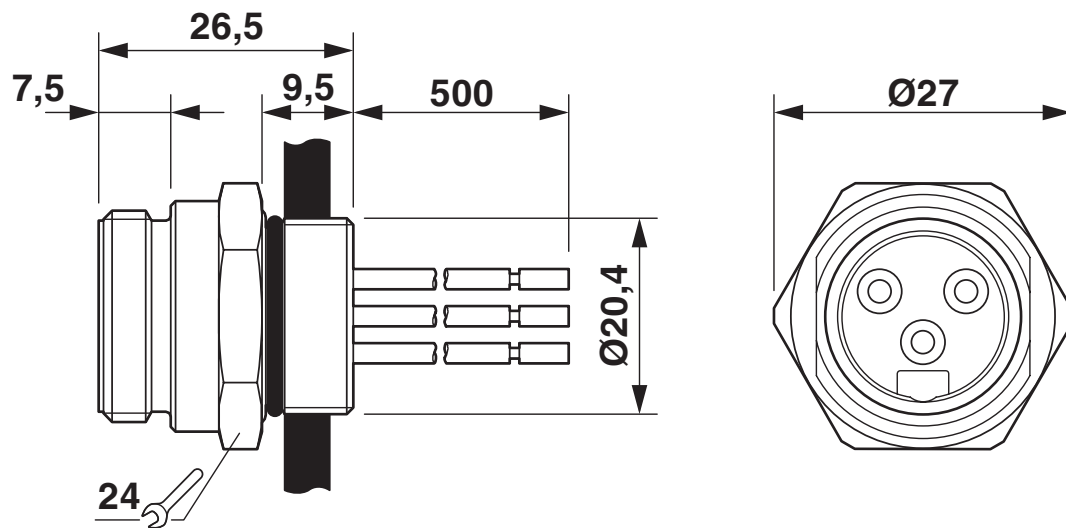
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Dimensional drawing



Dimensional drawing

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1521452>

 cUL Recognized Approval ID: E221474-20070307				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	600 V	8 A	20 - 20	-

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cULus Recognized				
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Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 8.0	EC002635
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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