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 mm^2

Commercial data

Item number	1521452
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB39
Product key	ABRSAA
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

Technical data

Mounting

Mounting type	Front mounting (Pg13,5)

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	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ
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 mm²

Connector

Connection 1

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

Connection 2

Head design	free cable end

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 mm²
Conductor structure signal line	24x 0.20 mm
AWG signal line	18
Material wire insulation	PE
Thickness, insulation	0.85 mm (Core insulation)

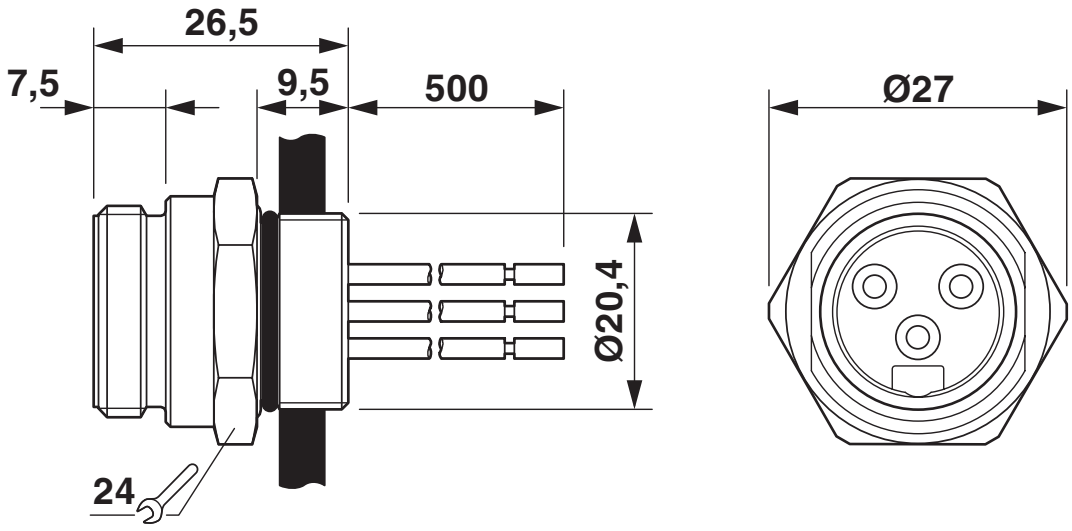
Environmental and real-life conditions

Ambient conditions

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

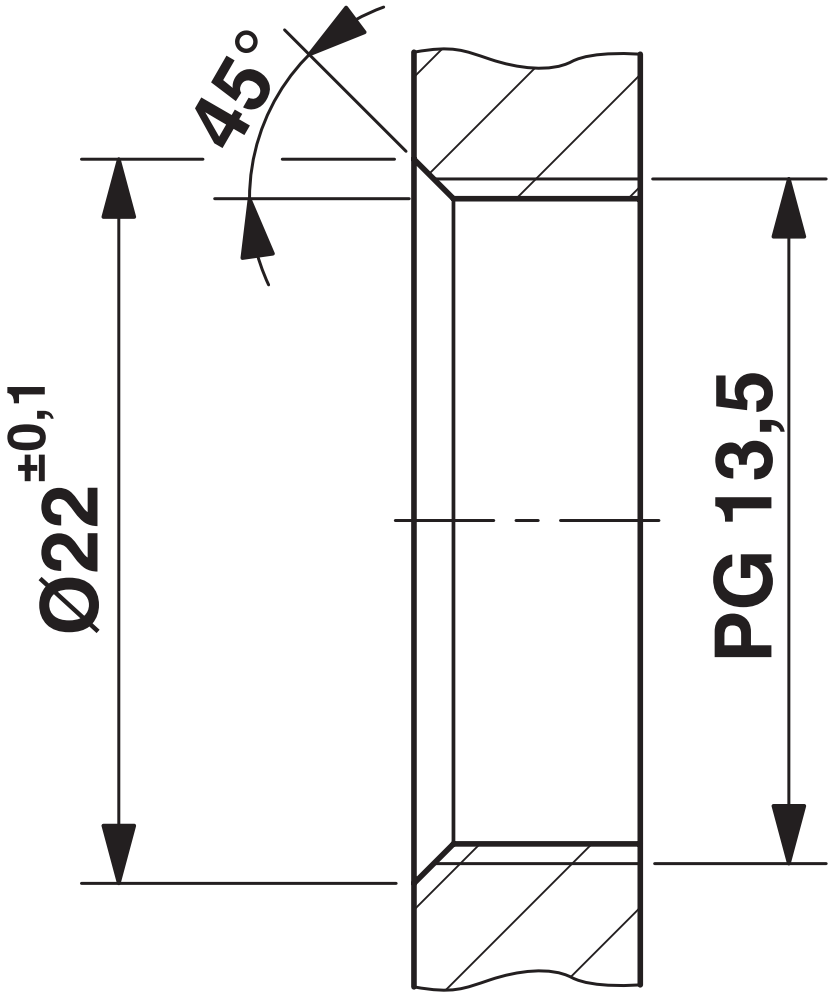
Drawings

Dimensional drawing



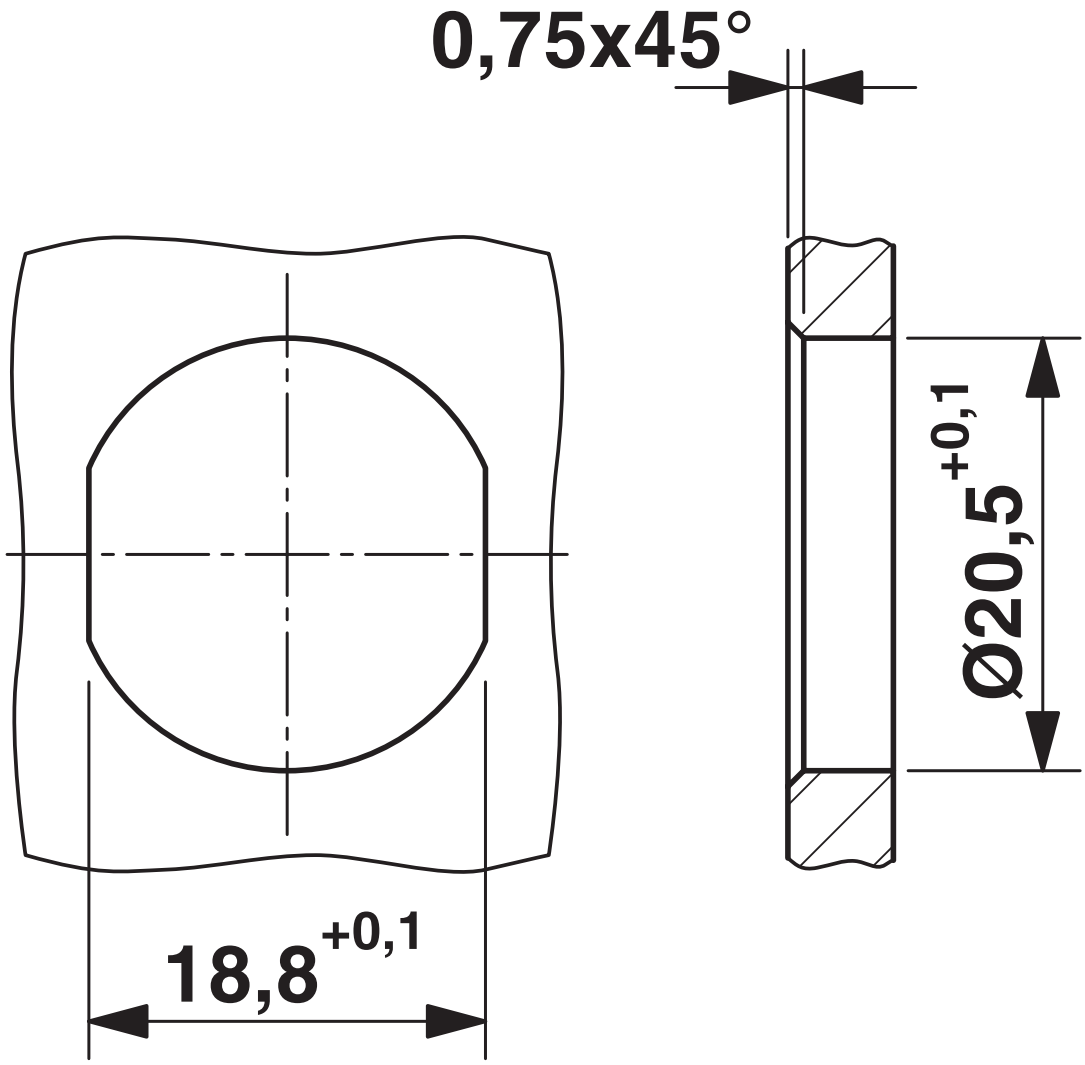
Dimensional drawing

Dimensional drawing



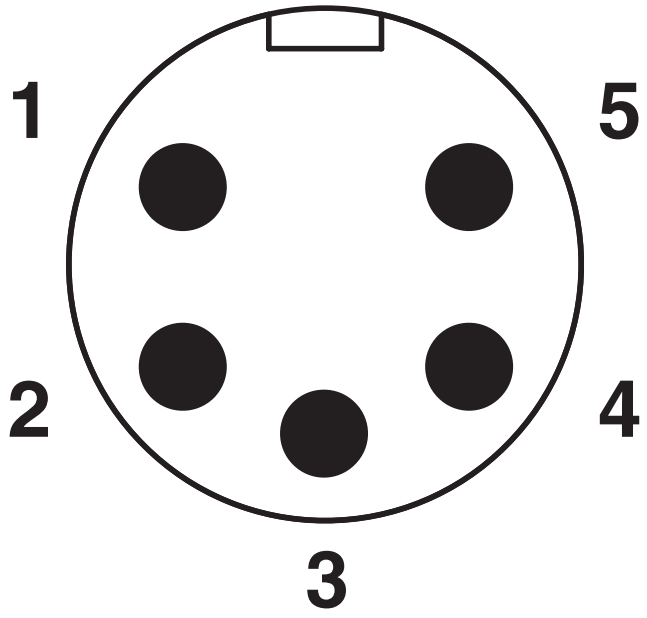
Mounting panel with thread

Dimensional drawing



Mounting panel with feed-through hole

Schematic diagram



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

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
keine				
	600 V	8 A	20	-

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	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
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Classifications

ECLASS

ECLASS-13.0	27440103
ECLASS-15.0	27440103

ETIM

ETIM 10.0	EC003570

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	50f4497e-8cf7-46c0-a056-b8c44bde640c

EF3.1 Climate Change

CO2e kg	1.469 kg CO2e

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