

# 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<sup>2</sup>

## 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

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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 <sup>2</sup>

### 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 <sup>2</sup>
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)

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

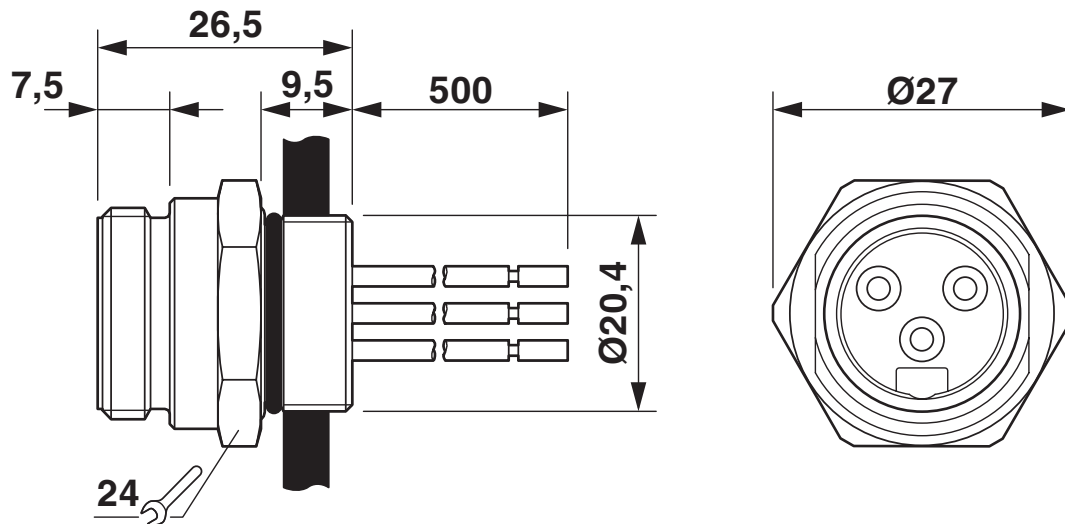


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## Drawings

Dimensional drawing



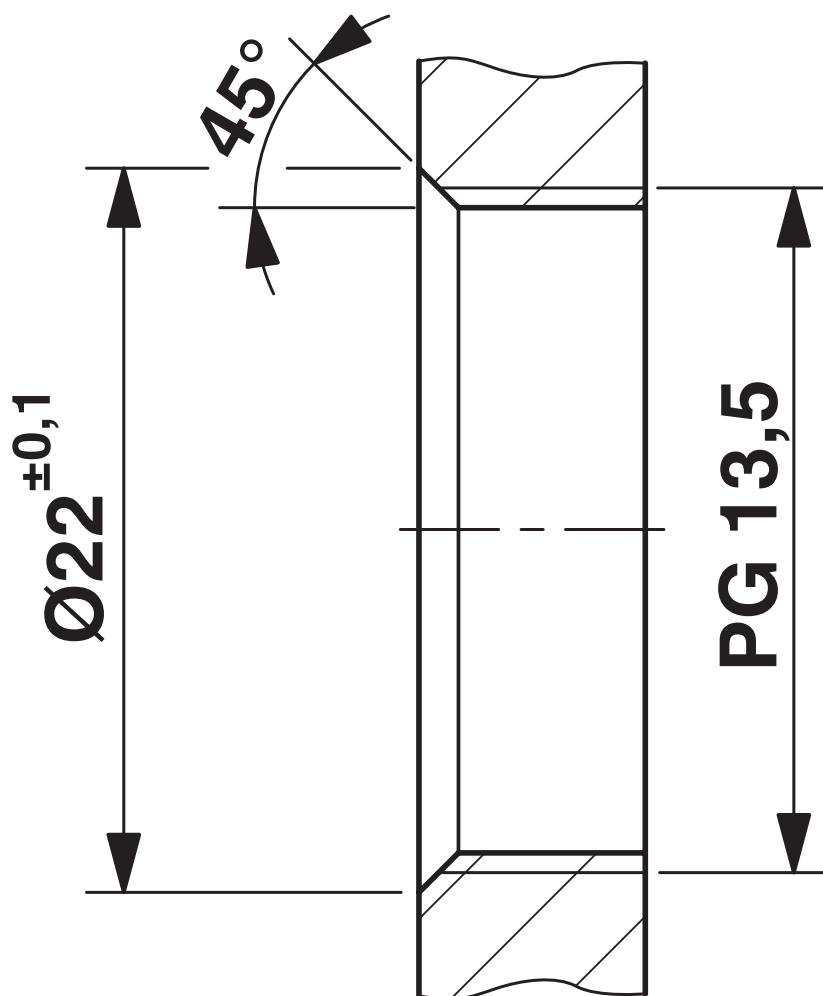
Dimensional drawing

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Dimensional drawing



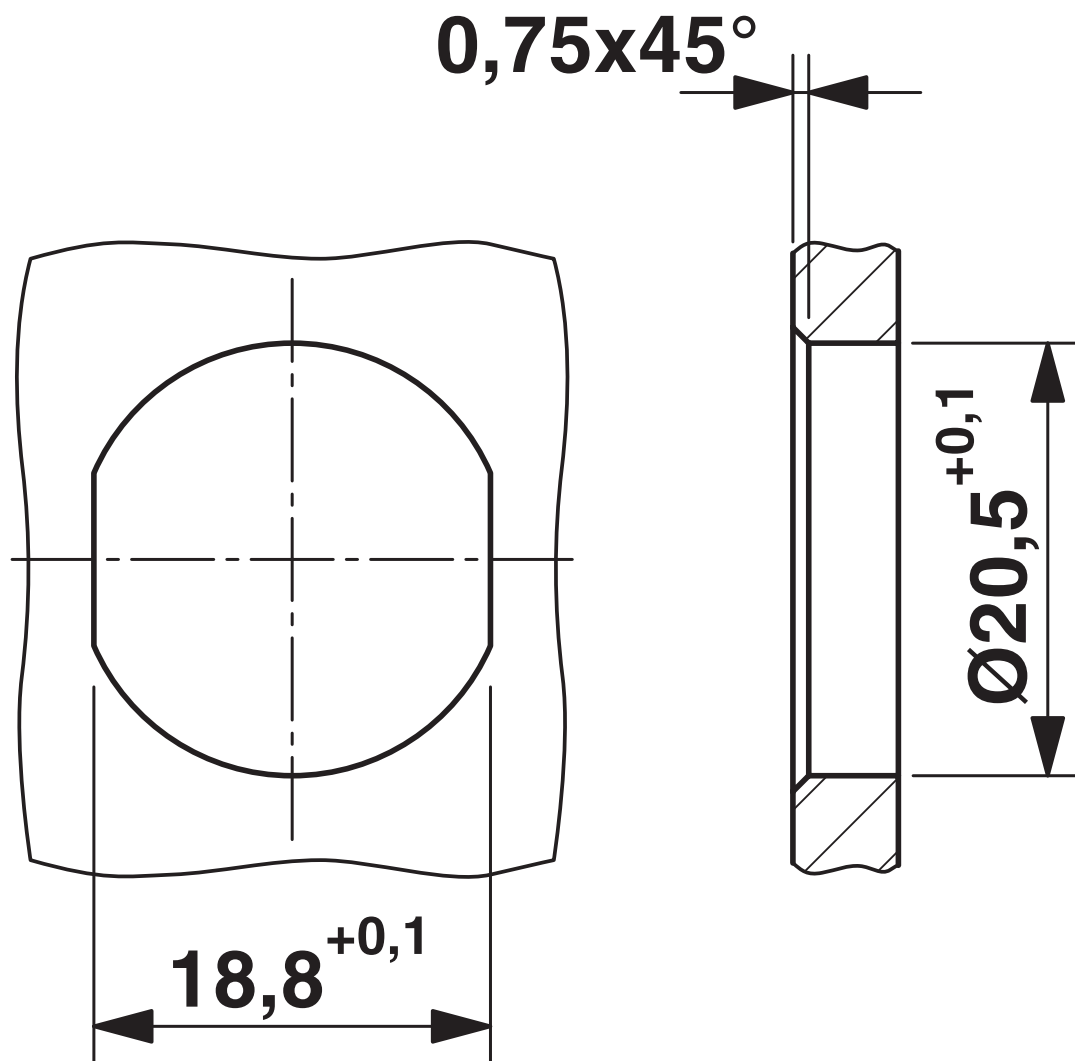
Mounting panel with thread

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Dimensional drawing



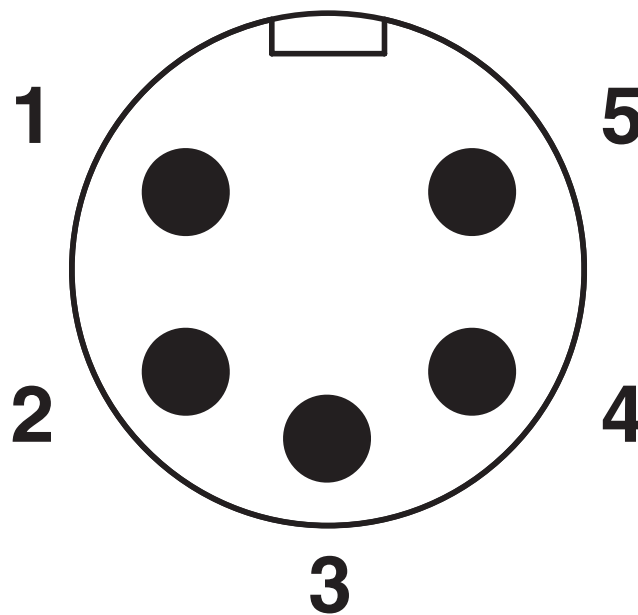
Mounting panel with feed-through hole

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Schematic diagram



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

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## Approvals

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

 <b>cUL Recognized</b> Approval ID: E221474-20070307				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	600 V	8 A	20	-

 <b>UL Recognized</b> Approval ID: E221474-20070307				
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	600 V	8 A	20	-

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## Classifications

### ECLASS

ECLASS-13.0	27440103
ECLASS-15.0	27440103

### ETIM

ETIM 10.0	EC003570
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### UNSPSC

UNSPSC 21.0	39121400
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## 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

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