SACC-E-MINFS-3CON-PG13/2,0 - Flush-type connector

1424029

https://www.phoenixcontact.com/us/products/1424029

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Sensor/actuator flush-type socket, 3-pos., 7/8", front mounting with Pg13.5 thread, with 2.0 m PVC litz wire, 3 x 0.75 mm^2

Commercial data

Item number	1424029
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	A11
Product key	ABQPAA
GTIN	4046356666749
Weight per piece (including packing)	126.7 g
Weight per piece (excluding packing)	126.7 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Mounting

Mounting type	Front mounting

Product properties

Product type	Circular connectors (device side)
Sensor type	Universal
Number of positions	3
No. of cable outlets	1
Shielded	no
Coding	7/8"-16UNF

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	12 A

Connector

Connection 1

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

Connection 2

Head design	free cable end

Cable/line

Cable length	2 m
Signal type/category	Universal
Wire diameter incl. insulation	2.7 mm

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Single wire, color	green/yellow, brown, blue
Cable cross section	0.75 mm²
Conductor structure signal line	24x 0.20 mm
AWG signal line	18
Thickness, insulation	0.85 mm (Core insulation)
Ambient temperature (operation)	-40 °C ... 85 °C (cable, fixed installation)

Environmental and real-life conditions

Ambient conditions

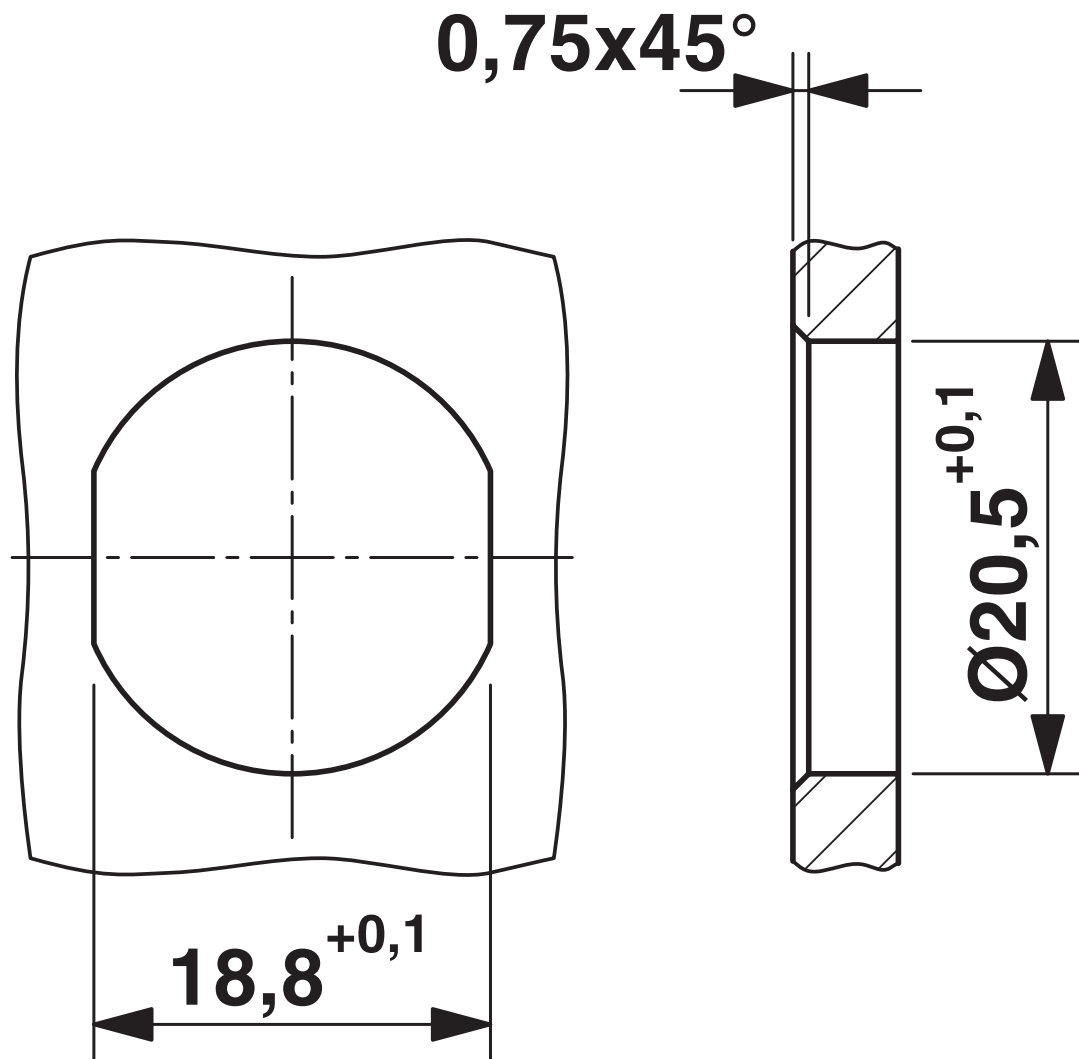|	
Degree of protection	IP67
	IP67
Ambient temperature (operation)	-40 °C ... 85 °C (Socket)
	-40 °C ... 85 °C (cable, fixed installation)

Drawings

Dimensional drawing

0,75x45°

$\varnothing 20,5^{+0,1}$

$18,8^{+0,1}$

Mounting panel with feed-through hole

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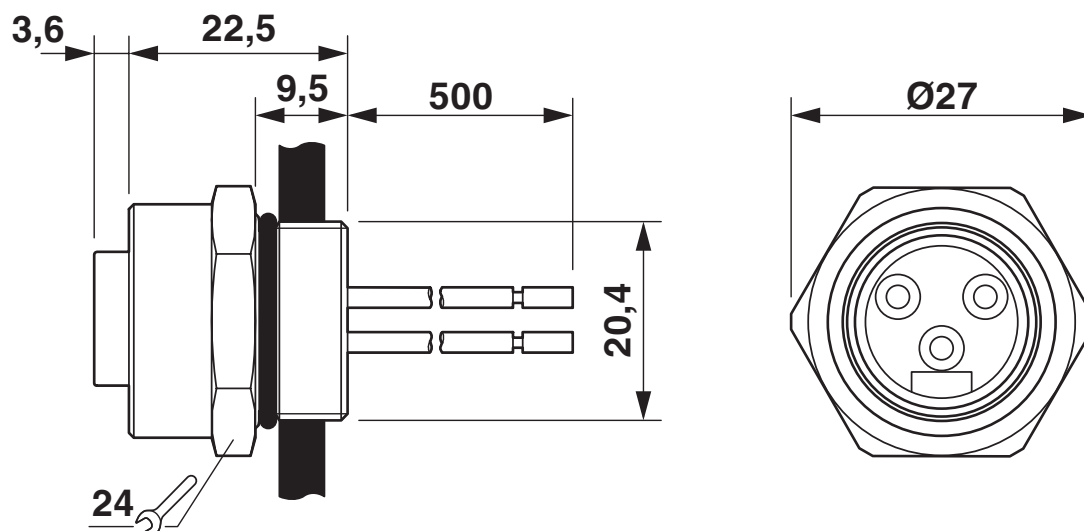Dimensional drawing
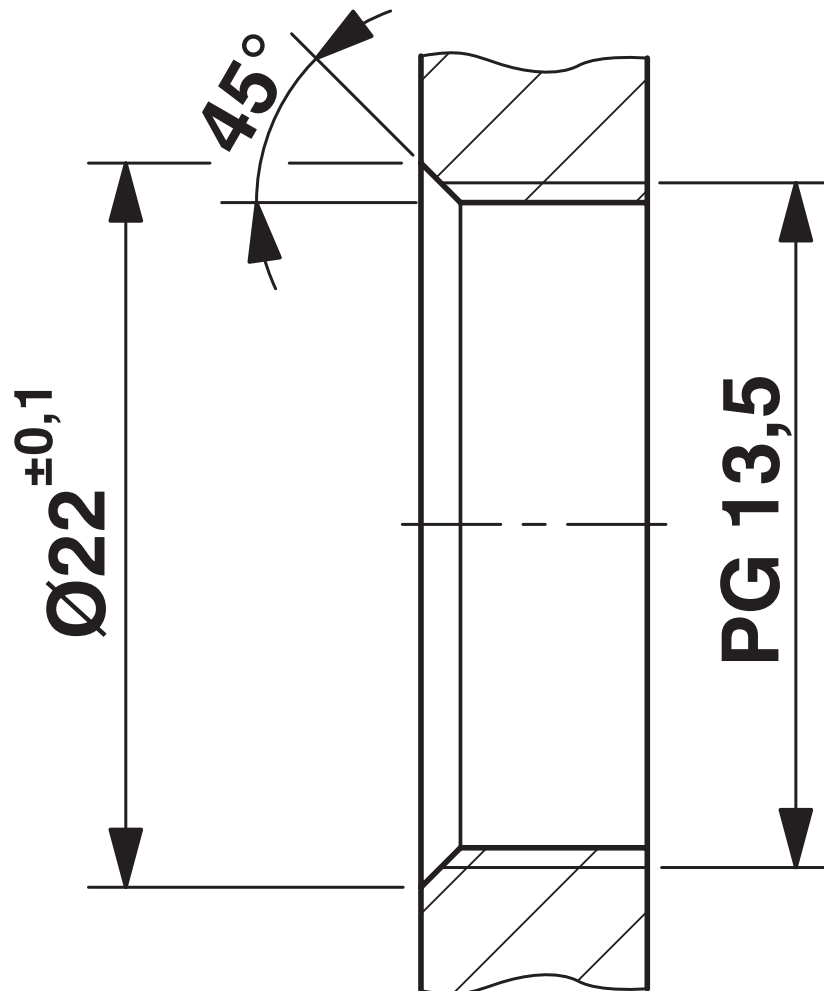
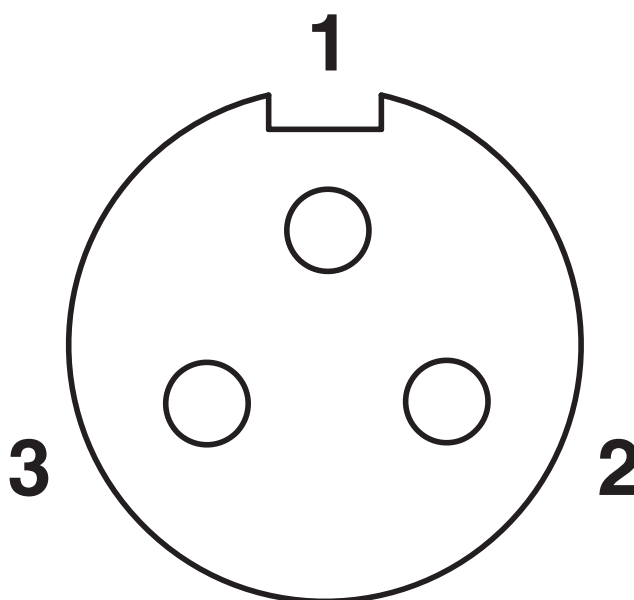Mounting panel with thread

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Dimensional drawing

7/8" flush-type plug

Schematic diagram

Pin assignment, socket, 7/8"-16UNF, 3-pos., view of female side

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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)

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