

# SACC-DSI-MINMS-3CON-UNF PCB - Flush-type connector



1455007

<https://www.phoenixcontact.com/us/products/1455007>

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Sensor/actuator flush-type plug, 3-pos., 7/8", PCB mounting with 7/8" fastening thread



## Commercial data

Item number	1455007
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	A11
Product key	ABQPAA
GTIN	4046356616973
Weight per piece (including packing)	44.7 g
Weight per piece (excluding packing)	44.7 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Product properties

Product type	Circular connectors (device side)
Number of positions	3
No. of cable outlets	1
Shielded	no

### 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 $I_N$	12 A

### Connection data

#### Conductor connection

Connection method	Solder pins
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### Connector

#### Connection 1

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

### Environmental and real-life conditions

#### Ambient conditions

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

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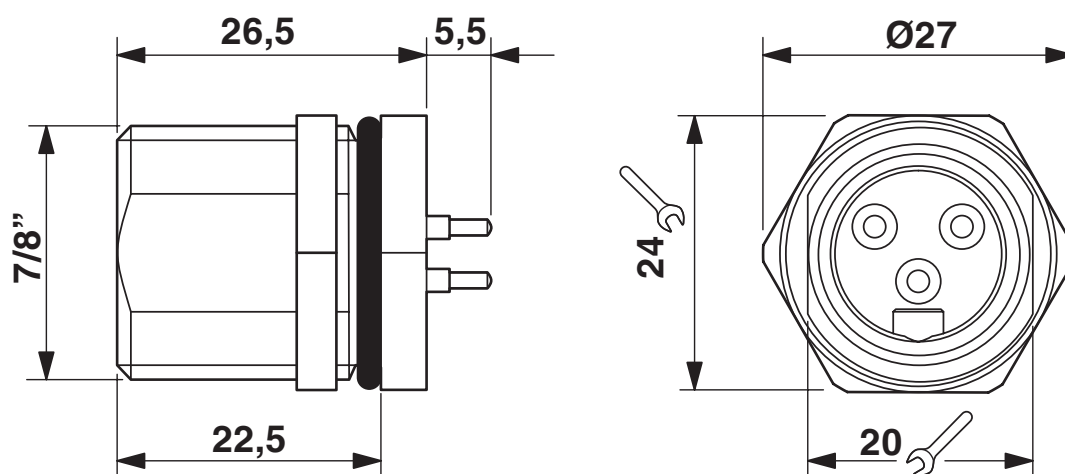


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## Drawings

### Dimensional drawing



7/8" flush-type plug

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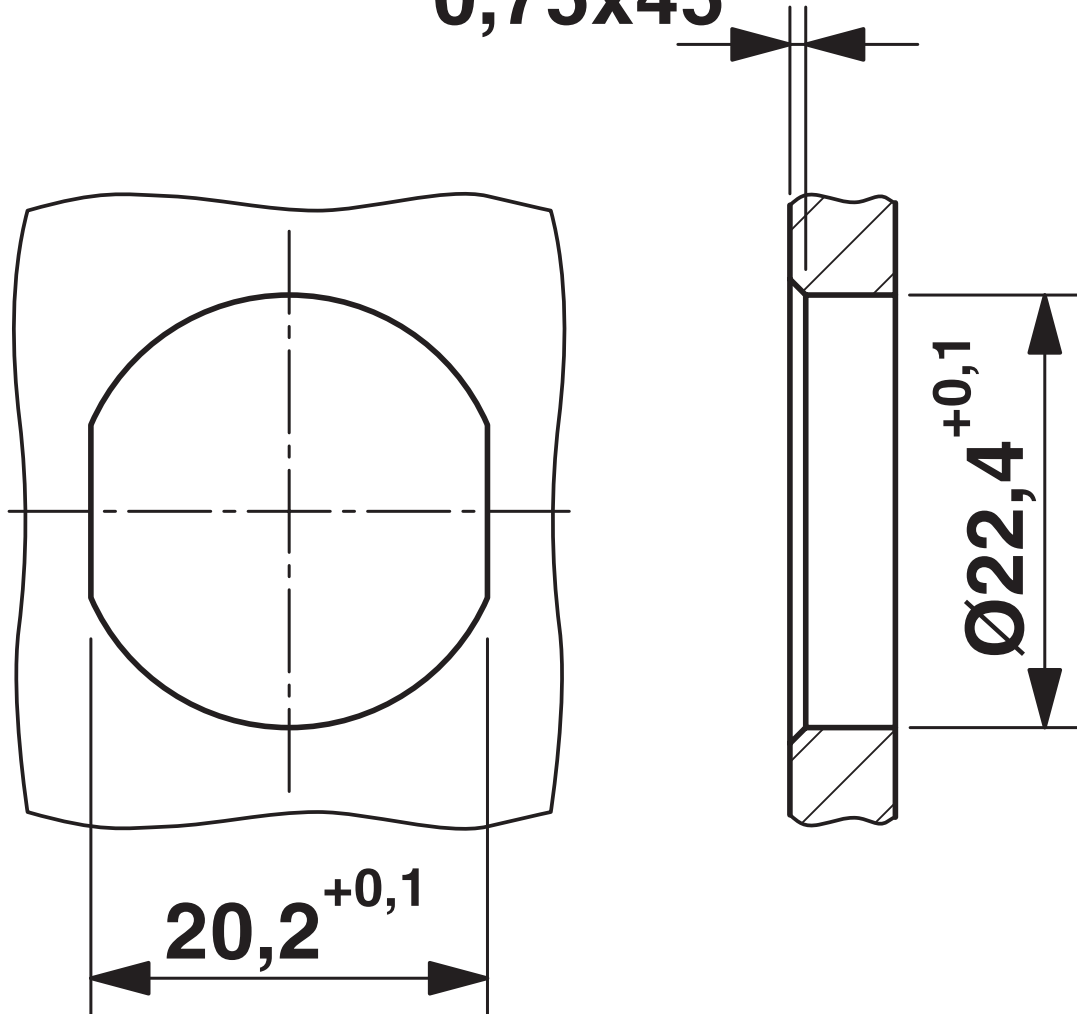


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Dimensional drawing

**0,75x45°**

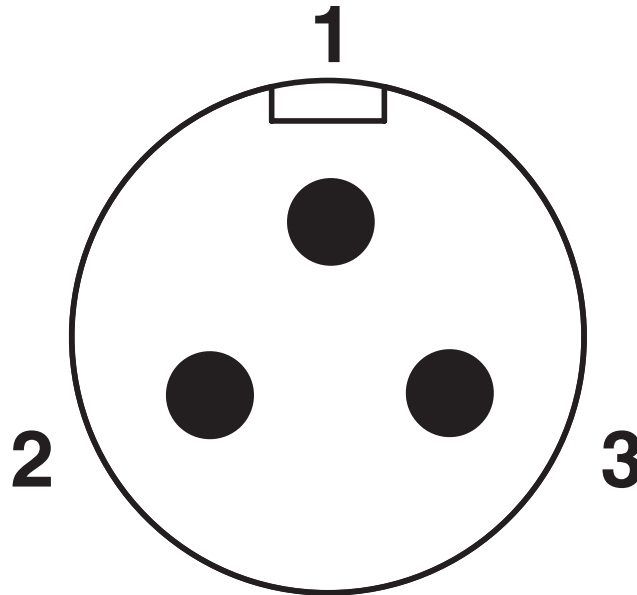


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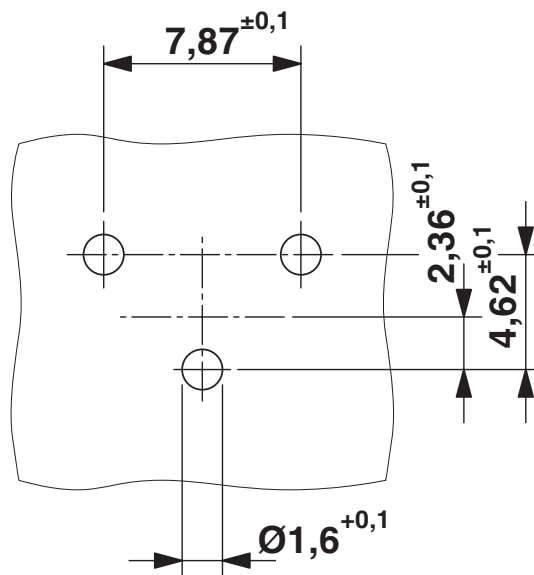
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Schematic diagram



Connector pin assignment

Drilling plan/solder pad geometry



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