

1453245

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Sensor/actuator flush-type socket, 5-pos., 7/8", front mounting with Pg13.5 thread, with 0.5 m PVC litz wire, $5 \times 0.75 \text{ mm}^2$

Commercial data

Item number	1453245
Packing unit	1 pc
Minimum order quantity	50 pc
Product key	ABQPAA
GTIN	4046356548717
Weight per piece (including packing)	194.2 g
Weight per piece (excluding packing)	189.74 g
Country of origin	DE



1453245

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Technical data

Mounting

Mounting type	Front mounting
oduct properties	
Product type	Circular connectors (device side)
Sensor type	Universal
Number of positions	5
No. of cable outlets	1
Shielded	no
Coding	A
nsulation characteristics	
Overvoltage category	II
Degree of pollution	3
	Product type Sensor type Number of positions No. of cable outlets Shielded Coding nsulation characteristics Overvoltage category

Material specifications

Flammability rating according to UL 94	НВ
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
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Connector

Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	7/8"-16UNF
Connection 2	

Connection 2	
Head design	free cable end



1453245

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Cable/line

Cable length	2 m
Signal type/category	Universal
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)
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)

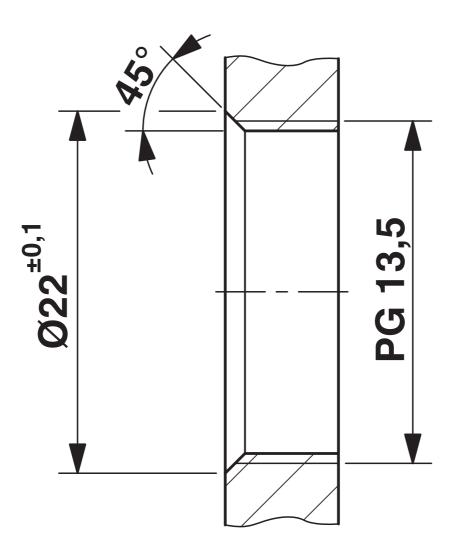


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Drawings

Dimensional drawing

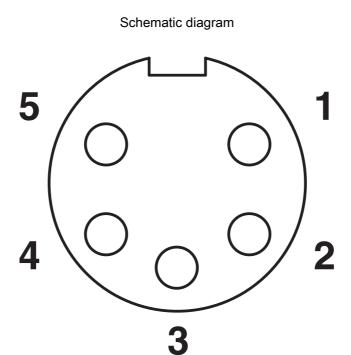


Mounting panel with thread



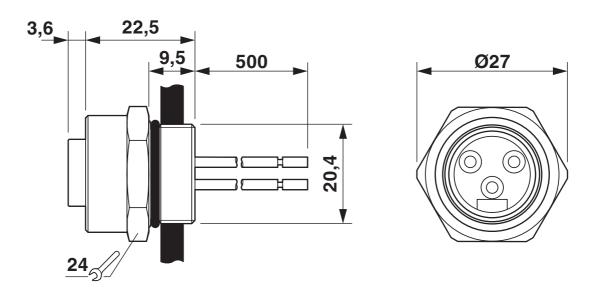
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Pin assignment, socket, 7/8"-16UNF, 5-pos., view of female side

Dimensional drawing

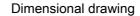


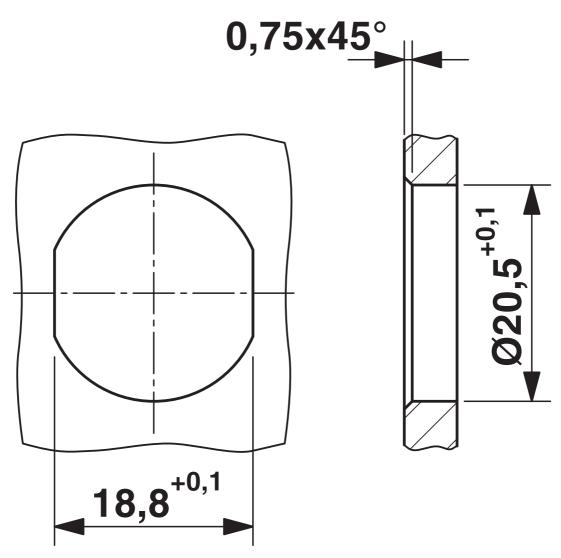
7/8" flush-type plug



1453245

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Mounting panel with feed-through hole

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