

1453258

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Sensor/actuator panel-mount connector, 5-pos., 7/8", front mounting with Pg13.5 thread, with 2. 0 m PVC litz wire, $5 \times 0.75 \text{ mm}^2$

Commercial data

Item number	1453258
Packing unit	1 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Product key	ABQPAA
GTIN	4046356548724
Weight per piece (including packing)	113.3 g
Weight per piece (excluding packing)	113.3 g
Country of origin	DE



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Technical data

Mounting type

Mounting

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 II
Degree of pollution	3

Front mounting

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

Connector

Connection 1

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

Connection 2



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	Head design	free cable end			
Cab	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)			

Environmental and real-life conditions

Ambient conditions

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

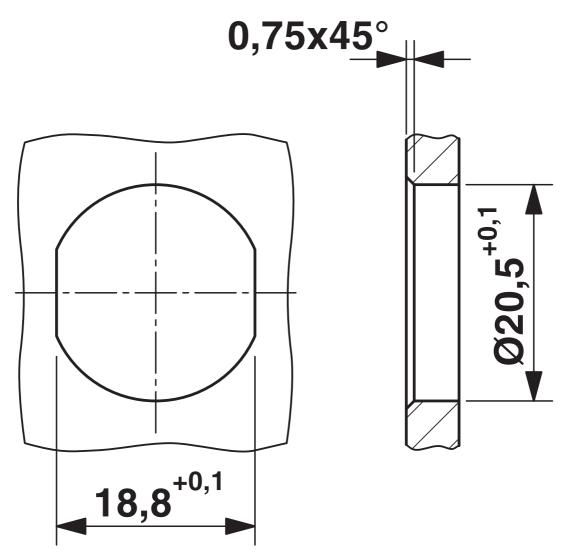


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Drawings

Dimensional drawing



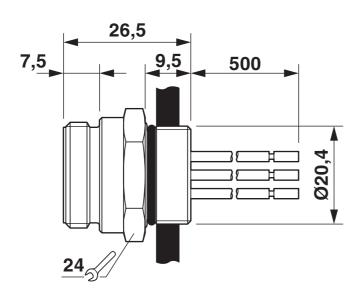
Mounting panel with feed-through hole

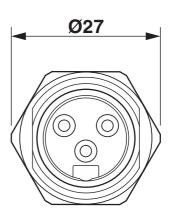


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Dimensional drawing





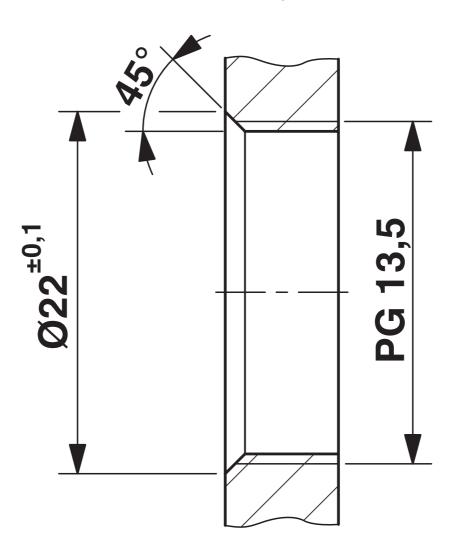
7/8" flush-type plug



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Dimensional drawing

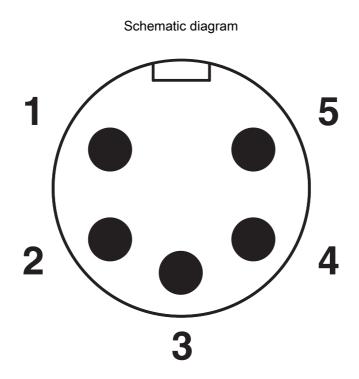


Mounting panel with thread



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

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