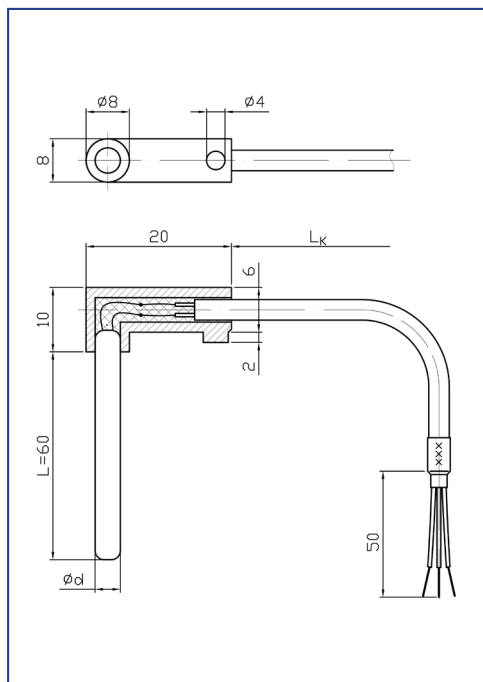


TOP-KSpKbm-162

Resistance Thermometer Pt100 Angular, Miniature



Resistance thermometer Pt100 type TOP-KSpKbm-162 has been designed for temperature measurement in non-pressure equipment.

Ceramic resistor is connected to plastic part, which allows to mount thermometer in special measuring socket.

Connection cable of teflon and metal screen insulation assures appropriate thermometer working in difficult environment conditions.

Technical specification

RTD type	Version	Characteristic	Measuring range (standard/*shockproof)	Accuracy class	Max. sensor current	Lead wire config.
1xPt100 / 2xPt100	standard / *shockproof	acc. EN-60751	-50°C..+250°C / *(-50°C..+250°C)	B	8 mA	2, 3, 4 wire
			-50°C..+250°C / *(0°C..+150°C)	A	5 mA	3, 4 wire
				1/3B (AA)	3 mA	

Sensor diam. d	Immersion length L	Medium	Velocity	Response Time $T_{0,9}$
5	60 mm	Water	0,4 m/s	1,4 sec

Configuration	Dimension	Connection Cable Type	Insulation	Temp. limits	Length L [mm]
2, 3, 4 wire	4	L4TFDT-4x0,22mm2	teflon, film, screen, teflon	+260°C	on request

Non-standard models available.

Ordering Information

TOP-KSpKbm-162	A	B	C	D	E	F	G
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A Resistor	
1xPt100	Single Pt100
2xPt100	Double Pt100

B Class	
B	B
A	A
1/3B	1/3B (AA)

C Immersion length L	
60	L= 60 mm

D Lead wire configuration and cable type	
3p-L4TFDT	3 wire (L4TFDT-4x0,22mm2)
4p-L4TFDT	4 wire (L4TFDT-4x0,22mm2)

E Cable length L_k	
	specify in mm

F Operating temperature	
	specify in °C

G Version	
Z	Standard (ceramic wire wound element)
W	Shockproof (thin-film element)

Ordering Example

TOP-KSpKbm-162-1xPt100-A-60-3p-L4TFDT-1000-100-Z

stands for: Resistance thermometer, with resistor 1xPt100, class A, immersion length L=60 mm, configuration 3-wire, connection cable type L4TFDT, length L_k =1000 mm, operating temp. up to 100°C, standard sensor version (ceramic wire wound element).