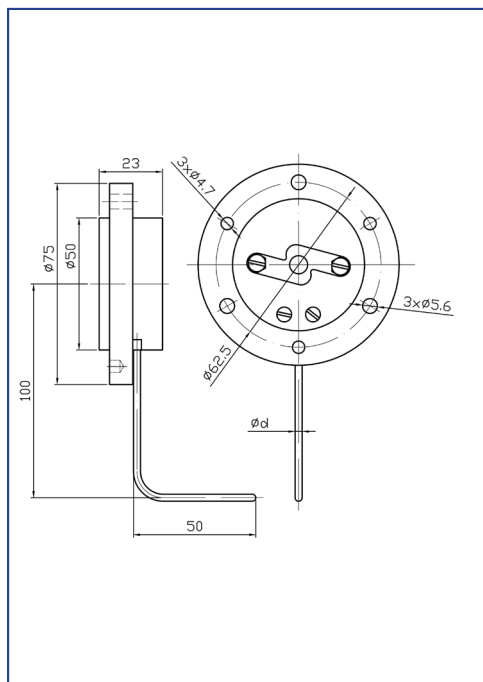


TOP-SpKbm-18

Resistance Thermometer Pt100 Angular, Special



Angular resistance thermometer TOP-SpKbm-18 special, is designed for temperature measurement in machineries, machine sets under vibrations (for example in fibre industry) in the range from -50°C to +300°C.

Protection tube made from MO59 or stainless steel 1.4571 allows wide applications whatever medium is being measured.

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..+300°C / *(-50°C..+300°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	

Protect. tube dim.	Material acc. DIN/AISI
ø3 x 0,15	1.4571/316Ti
ø3 x 0,5	MO59/CuZn39Pb2

Non-standard models available.

www.alf-sensor.com

Ordering Information

TOP-SpKbm-18	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 Lead wire configuration	
2p	2 wire (L2GGD-2x0,22mm ²)
3p	3 wire (L4GGD-2x0,22mm ²)

D Protection tube dimensions	
3 x 0,15	d=ø3 x 0,15(wall thickness)
3 x 0,50	d=ø3 x 0,50(wall thickness)

E Protection tube material	
1.4571	1.4571/316Ti
MO59	MO59/CuZn39Pb2

F Operating temperature	
	specify in °C

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

Ordering Example

TOP-SpKbm-18-1xPt100-B-2p-3x0,15-1.4571-200-Z

stands for: Angular resistance thermometer, special, with resistor 1xPt100 class B, configuration 2-wire, protection tube diam. ø3 mm, material 1.4571, length L=100 mm, operating temperature up to +200°C, standard sensor version (ceramic wire wound element).