



Data Sheet
TB-30 Series
Bimetal Coil Thermometer -
Stainless Steel

Distributed by



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Bimetal thermometer Stainless steel

**Dial size: ND of 2½, 4 and 6 in.
(63, 100 and 160 mm)
Accuracy: ±1% of full scale**

Features

Short response time
Wide selection of standard versions
High grade version

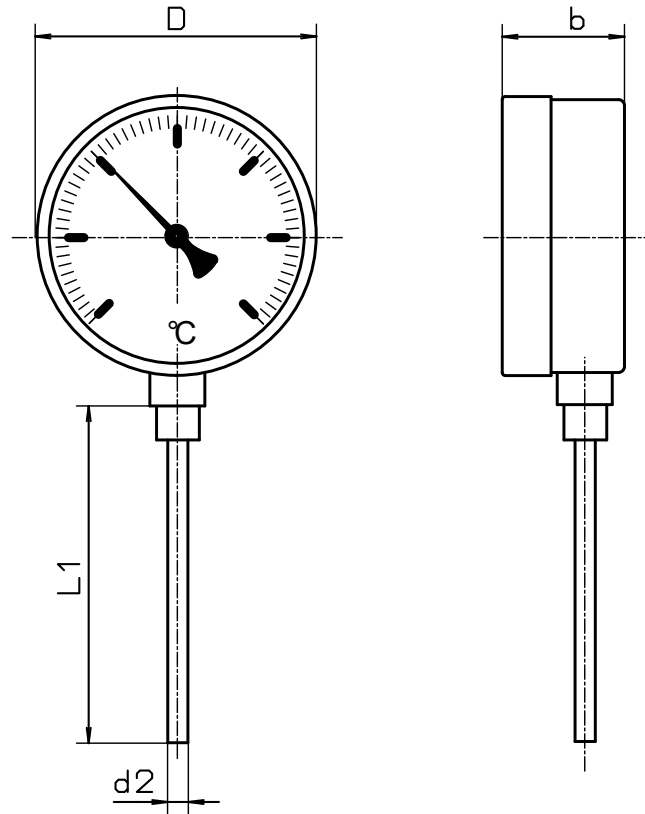
Applications

Mechanical engineering and apparatus manufacture,
Container and pipe construction
Building service and a wide range of applications in
industry



Model and ND	TB-30 63	TB-30 100	TB-30 160
Connection	bottom		
Ranges in °C	-30...+50°C, -20...+60°C, -10...+50°C 0...60°C, 0...80°C, 0...100°C, 0...120°C, 0...160°C, 0...200°C, 0...250°C, 0...300°C 0...400°C, 0...500°C, other at inquiry		
Ranges in °F	0 ...150 °F, 0...200 °F, 0...250 °F, 0...300 °F -50...+130 °F, -40...+160, -30...+120 °F, -10...+100 °F, 20...240 °F, 30...140 °F 40...400 °F, 50...300 °F, 50...500 °F, 80...800 °F, 150...700 °F, other at inquiry		
Application	Full scale value		
Case	CrNi steel		
Bezel	CrNi steel , bayonet catch,		
Window	Glass lens		
Dial	Aluminium white ,scale black		
Pointer	Aluminium, black		
Measuring element	Bimetal coil		
Display correction	Adjusting pointer or at end of shaft		
Shaft	CrNi steel , 8 mm		
Connection	lock at data sheet T 190		
Length	45, 63, 100, 150, 200, 250 mm, max. 500 mm		
Protection	IP 43 or IP 65 according to EN 60259 /IEC 529		
Weight	0,2 kg	0,4 kg	0,8 kg

Dimensions



Dimensions in mm								
Model	NG	D	b		d2		sw	G
TB-30	63	63	45		8		21	G 1/2 B
TB-30	80	80	45		8		21	G 1/2 B
TB-30	100	100	50		8		21	G 1/2 B
TB-30	160	160	50		8		21	G 1/2 B

Model specification

Model	Connection	Nominal size	Range	Length	Connection type
TB-3	0	f.e.100	f.e.120	f.e. 100	f.e. F2
	bottom = 0	Case ND 63 = 63 Case ND 80 = 80 Case ND 100 = 100 Case ND 160 = 160	after range specification or direct 120 °	sensorlength in mm	after data sheet T 190