Standard Bimetal Thermometers

Applications

- HVAC systems
- Heating-cooling applications
- Hot water tanks
- Solar collector systems
- Process industry
- Ventilation systems

Sample Picture



General Features

- Production according to EN 13190
- Stainless steel thermowell
- From -40 °C to +500 °C scale ranges
- Economic coast

Standard Technical Features

Nominal size
100 mm

Design
EN 13190

Ingress Protection
IP 51

Accuracy class
Cl. 2.0

Scale ranges	Measuring ranges	Scale division
-40 … +60 °C	-30 … +50 °C	1 °C
0 … 120 °C	10 … 110 °C	2 °C
0 … 160 °C	20 … 140 °C	2 °C
0 … 200 °C	20 … 180 °C	5 °C
0 … 300 °C	30 … 270 °C	5 °C
0 … 400 °C	50 … 350 °C	5 °C
0 … 500 °C	50 … 450 °C	5 °C

Measuring element
Bimetal element

Working pressure
Maximum 25 bar

Case
Lower mount : Black painted steel
Center back mount : Zinc plated steel

Bezel ring
304 stainless steel

Window
Industrial glass

Pointer
Black painted Aluminium DIN pointer

Thermowell
Diameter : Ø12 mm
Material : 304 stainless steel
: Optional 316L stainless steel

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Standard Technical Features

Prob

Diameter : Ø9 mm
Material : Brass

Thermowell lenghts: L (Included connection lenght)

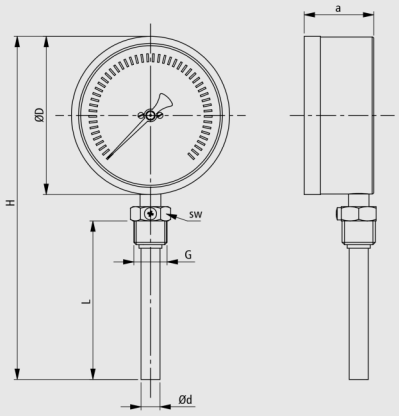
100 mm, 150 mm, 200 mm, 250 mm, 300 mm
400 mm, 500 mm

Process connection

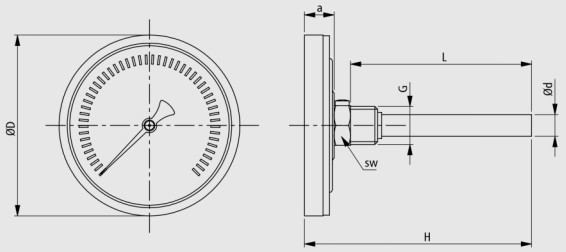
Standard : G1/2"
Optional : 1/2"NPT, M20x1,5 vs.

Options

- Other process connections
- Calibration certificates
- With Customer logo production



Lower mount



Center back mount

Dimensions (mm)								Weights (kg)
Connections	a	D	L	H	G	Ød	SW	T10
100 mm Lower mount	44,00	Ø 100	100 mm	216,50	G 1/2 B	Ø12	22	0,36
			150 mm	266,50				0,39
			200 mm	316,50				0,42
			250 mm	366,50				0,45
			300 mm	416,50				0,48
			400 mm	516,50				0,54
			500 mm	616,50				0,60
100 mm Center back mount	16,50	Ø 100	100 mm	125,50	G 1/2 B		22	0,27
			150 mm	175,50				0,30
			200 mm	225,50				0,33
			250 mm	275,50				0,36
			300 mm	325,50				0,39
			400 mm	425,50				0,45
			500 mm	525,50				0,51

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