

Art8037 Bimetal Thermometer (Bottom Connection)

Features

Bimetal thermometers are used for temperature direct measurement. The measuring element of the thermometer is a bimetal helix of rapid response. It is made of two strips of metal welded cold with different thermal expansion coefficients, which are twisted according to the temperature. Rotational motion is transferred, with low friction to the pointer.

Process connection: G 1/2" male thread, sliding, bottom connection.

Stem length: 100mm.

Thermowell rod material: Stainless steel 304.

Thermowell diameter: 6mm.

Box dimensions: 110mm

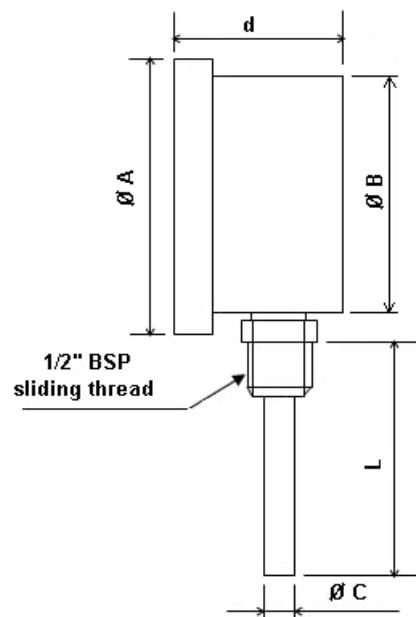
Box material: Stainless steel 304.

Bezel material: Stainless steel 304.

Window: Glass

Double scale ° C and ° F

Accuracy: $\pm 1,6 \%$.



General Dimensions

Ref	Ø A (mm)	Ø B (mm)	Ø C (mm)	L (mm)	d	G
8037 206	110	100	6	100	50	G 1/2"
8037 305	110	100	6	100	50	G 1/2"
8037 404	110	100	6	100	50	G 1/2"
8037 060	110	100	6	100	50	G 1/2"
8037 100	110	100	6	100	50	G 1/2"
8037 120	110	100	6	100	50	G 1/2"
8037 160	110	100	6	100	50	G 1/2"
8037 200	110	100	6	100	50	G 1/2"
8037 300	110	100	6	100	50	G 1/2"

Scale Division

Ref.	Range (°C)	Range (°F)	Scale Division °C	Scale Division °F
8037 206	-20 / +60	0 / 140	1	2
8037 305	-30 / +50	0 / 120	1	2
8037 404	-40 / +40	0 / 100	1	2
8037 060	0 / +60	32 / 140	1	2
8037 100	0 / +100	32 / 210	1	2
8037 120	0 / +120	32 / 250	1	5
8037 160	0 / +160	32 / 320	2	5
8037 200	0 / +200	32 / 400	2	5
8037 300	0 / +300	32 / 550	5	5