

## BIMETAL THERMOMETERS TG90

### DESCRIPTION

The TG90 are general-purpose bimetal thermometers designed for temperature measurement in simple heating applications with liquid and gaseous media. The unit has a nominal size diameter of 90 mm, units marked in Celsius degrees, casing manufactured in stainless steel, and includes a brass thermowell.

### MAIN FEATURES

Designed according to EN 13190.

Accuracy class 2.

Bottom radial or backside axial connection.

Supplied with thermowell.

USE: Gases and liquids compatible with the construction.

AVAILABLE MODELS: TG90R– radial connection.  
TG90A – axial connection.

SIZES: 1/2".

CONNECTIONS: ISO 228.

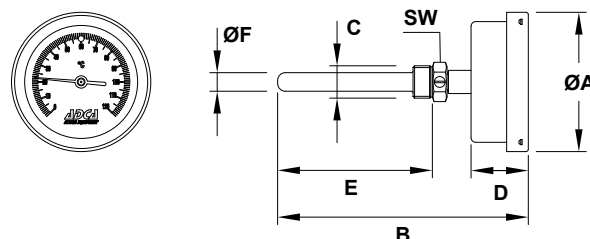
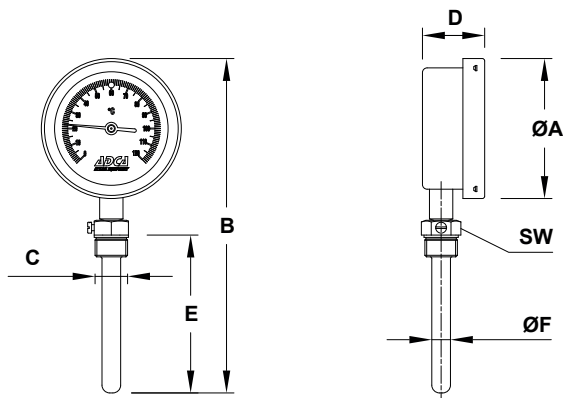
SCALE RANGES: 0 to 120 °C. Others on request.



### LIMITING CONDITIONS

Accuracy	±2% FS
IP rating	IP 54
Scale range	0 to 120 °C
Measuring range	10 to 110 °C *
Maximum operating pressure at thermowell.	6 bar
Maximum operating temperature	Full scale reading
Ambient temperature	- 20 to 60 °C

\* Range within which the accuracy class is guaranteed.



### DIMENSIONS (mm)

MODEL	ØA	B	C	D	E	ØF	SW	WEIGHT (kg)
TG90R	90	215	1/2"	40	100	12	22	0,3
TG90A	90	162	1/2"	37	100	12	22	0,3

### MATERIALS

POS. N°	DESIGNATION	MATERIAL
1	Case	AISI 304 / 1.4301
2	Connection	Brass
3	Thermowell	Brass
4	Window	Glass
5	Gasket	EPDM
6	Dial	White aluminium
7	Pointer	Black aluminium

