

## Art8032 - 8034 Bimetal Thermometer (Back 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, back connection.*

*Stem length: 50 mm (ref. 8032) or 100 mm (ref. 8034).*

*Thermowell rod material: brass*

*Thermowell diameter: 11 mm.*

*Box dimensions: 63 mm*

*Box material: Zinc plated steel*

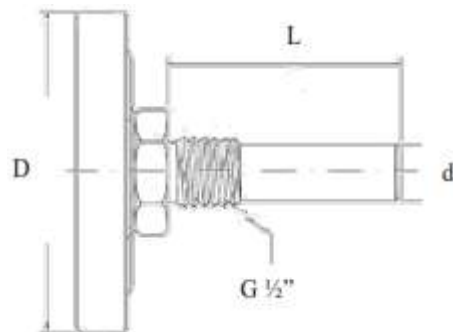
*Bezel material: Stainless steel*

*Window: Glass*

*Double scale ° C and ° F*

*Scales: -20 +60°C, 0 +60°C, 0 +120°C*

*Accuracy: ± 2,5 %.*



## General Dimensions

Ref	D (mm)	Ø d (mm)	L (mm)	G
8032 206	63	11	50	G ½"
8032 060	63	11	50	G ½"
8032 120	63	11	50	G ½"
8034 206	63	11	100	G ½"
8034 060	63	11	100	G ½"
8034 120	63	11	100	G ½"

## Scale Division

Ref.	Range (°C)	Range (°F)	Scale Division °C	Scale Division °F
8032 206	-20 / +60	0 / 140	1	2
8032 060	0 / +60	32 / 140	1	2
8032 120	0 / +120	32 / 250	1	2
8034 206	-20 / +60	0 / 140	1	2
8034 060	0 / +60	32 / 140	1	2
8034 120	0 / +120	32 / 250	1	2