

Dial thermometers with bimetallic strip, inner components in copper alloy.
Manufactured according to **EN 13190**. Radial or back connection.

Reliable tools that withstand extreme working conditions: engine vibration, humidity and aggressive media such as seawater.



STANDARD PARAMETERS

Design: **EN 13190**

Mounting: See attached diagrams **A** or **B**

Closing: Bayonet

IP protection: IP54 (**EN 60529**)

Accuracy: **Ø80**: Class 1.6 / **Ø100-Ø150**: Class 1.0

Usage limits:

Working temperature: -40+65°C

Fluid overtemperature: maximum 10% end of scale

Max. pressure on stem: 16 bar

Temperature range: **-30+50; 0+60; 0+120; 0+200; 0+400 °C**

Sensor element: Bimetallic strip

Stem length: **50; 65; 100; 150; 200; 250; 300 mm**

Process connection: **Plain Bulb, Sliding on the stem, protection sheath or crazy nut**

Threaded connection (G): **½"NPT, ½"BSP or ¾"BSP / Male or Female**

Application:

- Compressed air
- Compressors
- HVAC
- Hydraulics
- Pneumatics

MATERIALS

Case and ring: AISI 304 Stainless steel

Moving parts and bimetallic strip: Copper alloy

Threaded connection: **Brass or AISI 316 Stainless steel**

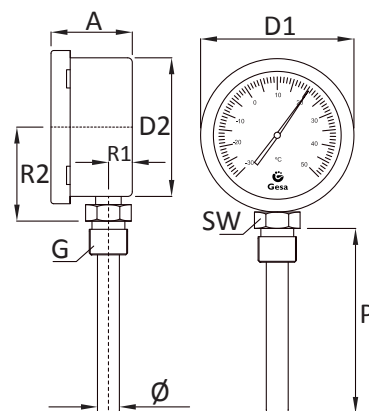
Display: Glass

Dial: White lacquered aluminum

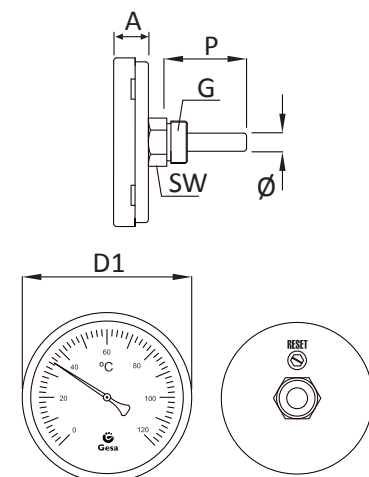
Pointer: Black lacquered aluminum

Bulb/Stem: AISI 316 stainless steel

A Bottom



B Back



Temperature scale according to DIN 16206

Scale printed on the dial (°C)	Working range (°C)	Subdivision °C/line	Maximum error
-30+50 0+60	-20+40 +10+50	1	1.5
0+120 0+200	+20+100 +20+180	2	3
0+400	+50+350	5	8

DIMENSIONS (mm)									WEIGHT (g)
DN	Mounting	R1	A	D1	Ø	R2	SW	D2	
Ø80	A	12	47	84	11	54	22	75	212
Ø80	B	-	17	84	11	-	22	-	99
Ø100	A	13	50	110	11	65	22	100	285
Ø100	B	-	20	110	11	-	22	-	176
Ø150	A	15	50	160	11	90	22	150	545
Ø150	B	-	20	160	11	-	22	-	485

How to order

1.Case diameter			2.Temperature range (°C)					3.Mounting		4.Stem length (mm)					
Ø80	Ø100	Ø150	↗	-30+50	0+60	0+120	0+200	0+400	↗	A	B	↗	50	100	50
													65	150	300
5.Process connection		6.Threaded connection		7.Connection type		8.Connection material		9.Calibration certificate traceable to ENAC							
Protection sheath	Plain bulb	↗	↗	↗	↗	↗	↗	3 points	6 points						
Sliding on stem	Crazy nut							4 points	7 points						
								5 points	Without certificate						
D01 -	1	2	3	4	5	6	7	8	9						

D01 -

1	2	3	4	5	6	7	8	9

www.termometros.com

Order it online!

+34 94 676 63 64

info@termometros.com