

Bimetallic dial thermometer in zincked steel

Dial thermometers with bimetal strip with internal copper alloy elements.

They are economic instruments especially designed for heating and cooling applications.

Application:

- **Heating systems**
- **Refrigeration**

STANDARD PARAMETERS

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

Closing: **A**: Bayonet; **B**: Sealed ring

IP protection: IP56

Accuracy: Class 2.5

Temperature limits:

- Room temperature: -40+65°C
- Fluid overtemperature: maximum 10% end of scale
- Max. pressure on stem: 16 bar

Temperature range: **-20+60; 0+120**°C

Sensor element: Bimetallic strip

Stem length (P): **50; 65; 100** mm

Process connection: Trough protection sheath

Threaded connection (G): ½"BSP Male

MATERIALS

Case and ring: Zincked steel

Moving parts and bimetallic strip: Copper alloy

Threaded connection: **Brass** or **AISI 304 Stainless steel**

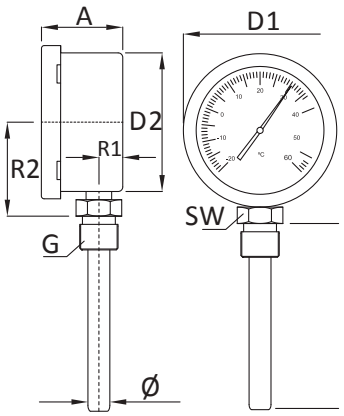
Display: Glass

Dial: White lacquered aluminum

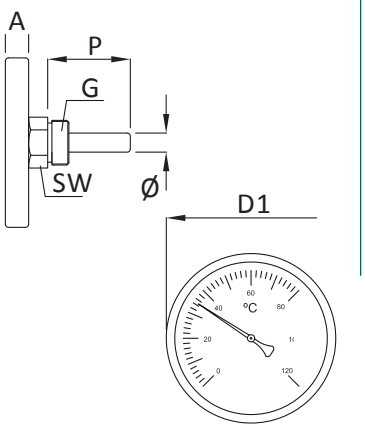
Pointer: Black lacquered aluminum

Stem: Brass

A Bottom



B Back



Temperature scale			
Scale printed on the dial (°C)	Working range (°C)	Subdivision °C/line	Maximum error
-20+60	-10+50	1	
0+120	+20+100	2	

DIMENSIONS (mm)									WEIGHT (g)	
DN	Mounting	R1	A	D1	Ø	R2	SW	D2	P=50mm	P=100mm
Ø63	A	12	47	68	11	44	22	60	174	184
Ø63	B	-	12	63	11	-	22	-	134	147
Ø80	A	13	50	84	11	54	22	75	204	216
Ø80	B	-	13	80	11	-	22	-	-	176