

Bimetallic dial thermometer in stainless steel

Dial thermometers with bimetallic strip, inner components in copper alloy.

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

Application:

- **Compressed air**
- **Compressors**
- **HVAC**
- **Hydraulics**
- **Pneumatics**

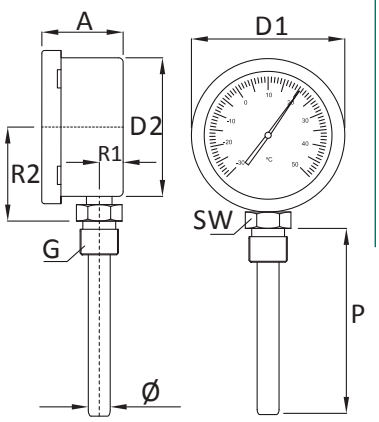
STANDARD PARAMETERS
Mounting: See attached diagrams **A** or **B**
Closing: Bayonet
IP protection: IP54
Accuracy: **Ø80**: Class 1.6 / **Ø100-Ø150**: Class 1.0
Usage limits: Working temperature: -40+65°C Fluid overtemperature: maximum 10% end of scale Max. pressure on stem: 16 bar
Temperature range: **-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**

MATERIALS
Case and ring: AISI 304 Stainless 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
Bulb/Stem: AISI 316 stainless steel

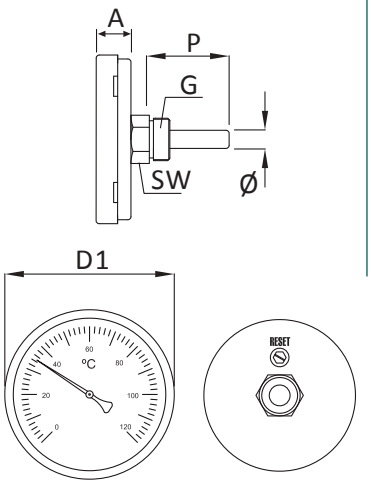
Temperature scale

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

A Bottom



B Back



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