

Bimetallic dial thermometer in stainless steel with orientable stem

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

Orientable stem makes it a versatile instrument, useful for a wide variety of applications.

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 diagram **E**

Closing: Bayonet

IP protection: IP54

Accuracy: Class 1.6

Usage limits:

Working temperature: -40+65°C

Fluid overtemperature: maximum 10% end of scale

Max. pressure on stem: 16 bar

Temperature range: **-40+60; 0+120; 0+200; 0+300; 0+400**°C

Sensor element: Bimetallic strip

Stem length: **150; 200; 250** mm

Process connection: **Sliding on the stem** or **Plain bulb**

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

MATERIALS

Case and ring: AISI 304 Stainless steel

Moving parts and bimetallic strip: Copper alloy

Threaded connection: AISI 304 Stainless steel

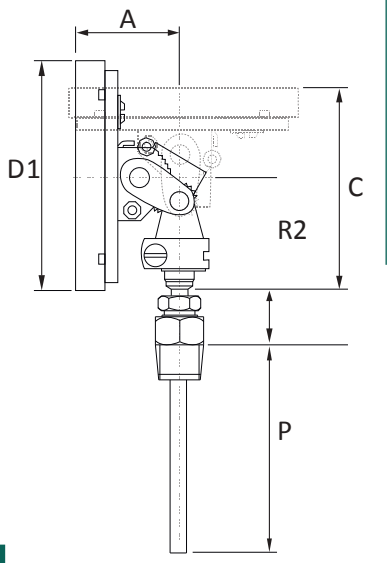
Display: Glass

Dial: White lacquered aluminum

Pointer: Black lacquered aluminum

Stem: AISI 316 stainless steel

E Orientable



Temperature scale

Scale printed on the dial (°C)	Working range (°C)	Subdivision °C/line	Maximum error
-40+60	-30+40	1	1.5
0+120 0+200	+20+100 +20+180	2	3
0+300 0+400	+50+250 +50+350	5	8

DIMENSIONS (mm) / WEIGHT (g)

DN	Mounting	R1	A	D1	Ø	R2	SW	D2	
Ø100	E	12	47	84	10	54	22	75	425
Ø150	E	-	17	84	10	-	22	-	642