

Dial thermometer with capillary in stainless steel

Reliable tools that withstand extreme working conditions: engine vibration, humidity and aggressive media such as seawater.
Bottom connection to panel through back flange.

Especially designed for remotely measuring temperatures in chemical, petroleum and food industries.

Application:

- **Chemical Industry**
- **Oil industry**
- **Food**
- **HVAC**
- **Cooling**

STANDARD PARAMETERS

Mounting: See attached diagram **C**

Closing: Bayonet. Sealed by rubber gasket

IP protection: IP65

Accuracy: Class 1.6

Temperature limits:

Room temperature: -40+60°C

Fluid overtemperature: maximum 10% end of scale

Max. pressure on stem: 25 bar.

Temperature range: **0+120; 0+200; 0+400; +50+650**°C/°F

Sensor element: Bourdon tube (Inert gas expansion). Room temperature compensator by bimetallic strip

Capillary length (L): **3; 5; 8** m

Stem length (P): **150; 250** mm

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

Threaded connection: **½"BSP, ½"BSPT, ½"NPT, ⅜"BSP, ¾"BSP, M20x150** or **M22x150**

Antivibration liquid: **Glycerine** or **dry**

Overtemperature relief system: Upper plug

MATERIALS

Case and ring: AISI 304 Stainless steel

Moving parts and bourdon tube: Copper alloy

Capillary: AISI 304 Stainless steel

Display: Glass

Dial: White lacquered aluminum

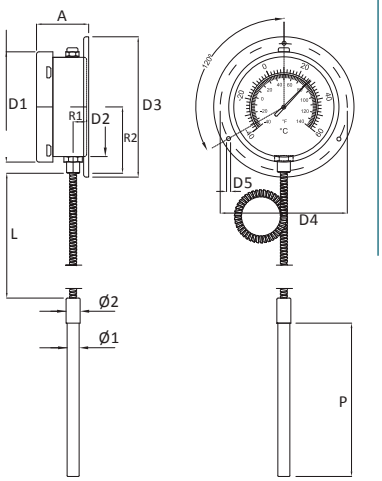
Pointer: Black lacquered aluminum

Capillary coating: AISI 304 Stainless steel

Bulb/Stem: AISI 304 Stainless steel

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

C Bottom with back flange



Temperature scale

Scale printed on the dial (°C)	Working range (°C)	Subdivision °C/line	Maximum error
0+120 0+200	+20+100 +20+180	2	3
0+400	+50+350	5	8
+50+650	+100+600	10	10

DIMENSIONS (mm) / WEIGHT (g)

DN	Mounting	A	Ø1	Ø2	R1	R2	D1	D2	D3	D4	D5	L=3m	L=5m	L=8m
Ø100	C	52	10	12	14	67	110	100	140	124	4	782	835	1016

Glycerine +271g