

Dial thermometer with plastic case and copper capillary

Gas expansion thermometers with Bourdon elastic element and an environmental temperature compensator through bimetallic strip.
These simple instruments are especially designed to measure temperatures remotely in cooling and refrigeration chambers.

Application:

- **Chemical Industry**
- **Food**
- **HVAC**
- **Cooling**

STANDARD PARAMETERS

Mounting: See attached diagram **B**

Closing: Bayonet. Sealed by rubber gasket

IP protection: IP43

Accuracy: Class 2.5

Temperature range: **-40+40** or **0+120**°C

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

Capillary length (L): 1m

Stem length (P): 100 mm

Process connection: Plain bulb

MATERIALS

Case and ring: Polyethylene

Moving parts and bourdon tube: Copper alloy

Bulb/stem: Copper alloy

Display: Polyethylene

Dial: Polyethylene

Pointer: Polyethylene

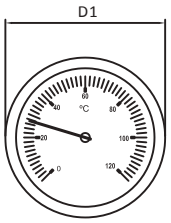
Capillary coating: PVC

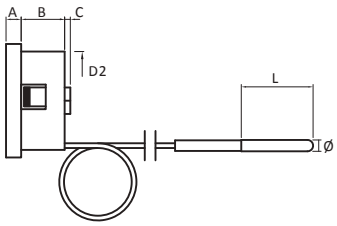
Stem: Copper alloy

Temperature scale

Scale printed on the dial (°C)	Working range (°C)	Subdivision °C/line	Maximum error
-40+40	-30+30	1	2
0+120	+20+100	2	3

B Back





DIMENSIONS (mm)

DN	Mounting	A	Ø	B	C	D1	D2	L	WEIGHT (g)
Ø50	C	8	6	23	3	58	52	30	57