



Description

PAKKENS TE Series Temperature Gauges have been developed as a standard version for temperature indication in HVAC systems, heating, and cooling applications. The modular design of the temperature gauge makes it enable to have different combinations of nominal sizes, stem lengths, and scale ranges.

The bimetal temperature gauges are assembled to the processes with screw-in thermowells. Besides protecting the measurement instrument, the thermowell is also used for exchanging the temperature gauge without halting the systems.

Industrial Applications

Air Conditioning and Refrigeration Systems, Heating Systems, Ventilation Systems, Hot Water Tanks, Solar Collectors

General Specifications

Confirmity:
EN13190

Temperature Sensing Element:
Bimetal Helix Coil

Sizes (mm):
Ø100, Ø160

Bulb Diameter (mm):
Ø9

Thermowell Diameter (mm):
Ø12

Unit:
°C

Immersion Length (mm):
100mm... 1000mm

Measurement Ranges:
-30°C... 500°C

Accuracy Class:
CL 2.0

Ingress Protection Rate:
IP51

Max. Working Pressure:
25 bar

Process Connections:
G1/2" B

Materials:

Bimetal Cover :

Brass

Thermowell:

AISI 316L

Case:

Black Painted Steel

Cover:

Black Painted Steel

Window:

Glass

Dial:

Aluminium

Pointer:

Ø100: Plastic (≤160°C)

Ø100, Ø160: Aluminium

Options:

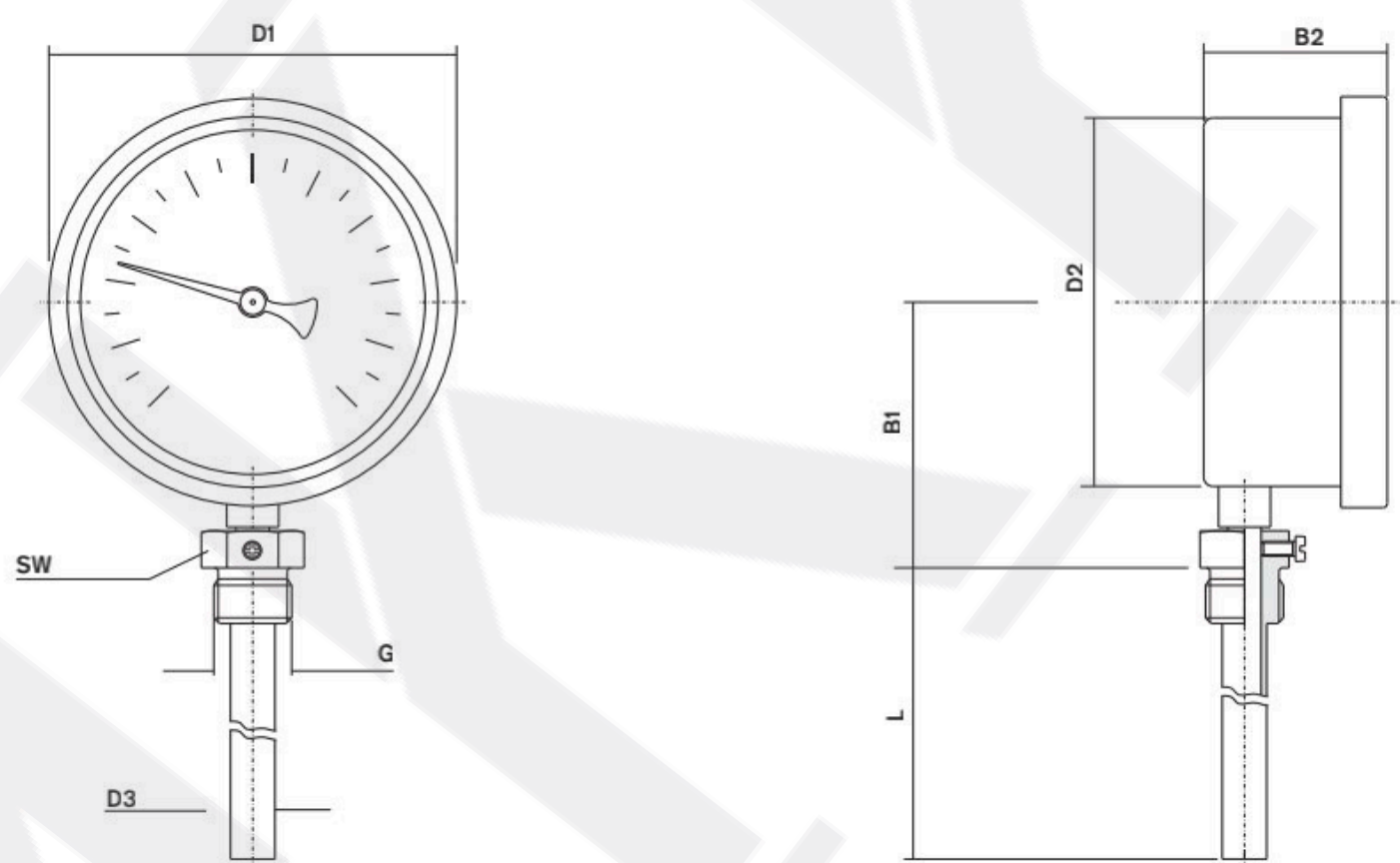
Other process connections

Other temperature units

Special dial design

Dimensions(mm)

01- Ø100, Ø160



| Ø | Connections | Version | Case | Window | Cover | D1 | D2 | D3 | B1 | B2 | L | G | SW |
|-----|-------------|----------|-------|--------|-------|-----|-----|----|-----|----|----------|-------|----|
| 100 | Bottom | Standard | Metal | Glass | Metal | 110 | 100 | 12 | 72 | 48 | 100-1000 | G1/2" | 22 |
| 160 | Bottom | Standard | Metal | Glass | Metal | 174 | 160 | 12 | 102 | 48 | 100-1000 | G1/2" | 22 |