



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

Conformity:
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:

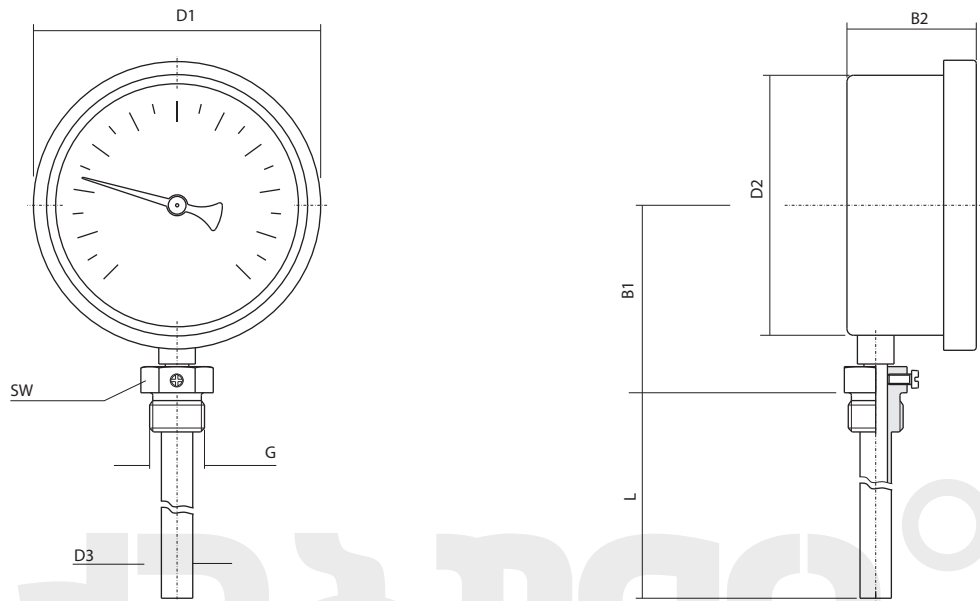
Other process connections

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

Approvals:



Turkish Standards Institution



ISO 9001 Quality Management System



TURK AK Calibration Laboratory Accreditation Certificate



2014/68/EU Pressure Equipment Directive - Certificate of Conformity



2011/65/EU Restriction of Hazardous Substances Directive - Declaration of Conformity



Gost Certificate

System and quality certifications of PAKKENS Inc.
Product and product group certifications may vary

