





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

Materials:

General Specifications Confirmity: EN13190 **Temperature Sensing Element:** Bimetal Helix Coil Sizes (mm): Ø100, Ø160 **Bulb Diameter (mm):** 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

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

Technical Document No: SRT.02.23/00

Process Connections:

G1/2"B

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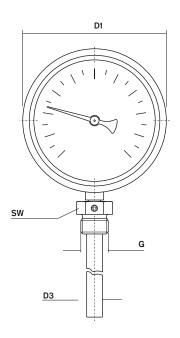


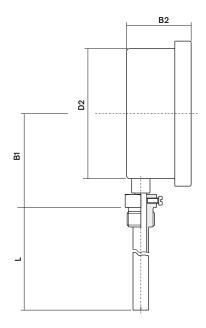
Bottom Connection Bimetal Temperature Gauges



Dimensions(mm)

01- Ø100, Ø160





Ø	Connections	Version	Case	Window	Cover	D1	D2	D3	В1	В2	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



EN ISO 9001 ISO 9001 Quality Management System



TURKAK Calibration Laboratory Accreditation Certificate



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



RoHS 211/65/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

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