



Description

PAKKENS TK Series Temperature Gauges are designed according to the EN 13190 standard and are mainly used in processes that require control and do not have an abrasive effect on copper alloys.

The working principle of these thermometers is the expansion or contraction of the trapped fluid inside the capillary tube according to the temperature changes in the process. Thanks to the capillary tube, the temperature indicator can be mounted in a different place from the heat source.

Moreover, the modular design of the temperature gauge makes it enable to have different combinations of nominal sizes, capillary lengths, and scale ranges.

Industrial Applications

Heating - Air Conditioning Industry, Refrigeration Systems, Food - Beverage Industry, Machine Building and Process Industry

General Specifications

Conformity:

EN13190

Measurement Principle:

Expansion

Sizes (mm):

Ø60

Bulb Diameter (mm):

Ø6

Thermowell Diameter (mm):

Ø11,2

Unit:

°C

Measurement Ranges:

0°C...350°C

Accuracy Class:

CL 2.0

Ingress Protection Rate:

IP51

Capillary Tube Length (m):

1...10

Contact Type:

SPST-NO (Working Parameters: 5A-125/250VAC)

Malzemeler:**Bulb:**

Brass T<200°C

Copper T>200°C

Capillary Tube:

PVC Covered T<200°C

Stainless Steel Braided T>200°C

Thermowell:

Brass (G 3/8")

Case:

Carbon Steel (Black Painted)

Cover:

AISI 430

Window:

Acrylic

Dial:

Aluminium

Pointer:

ABS

Options:

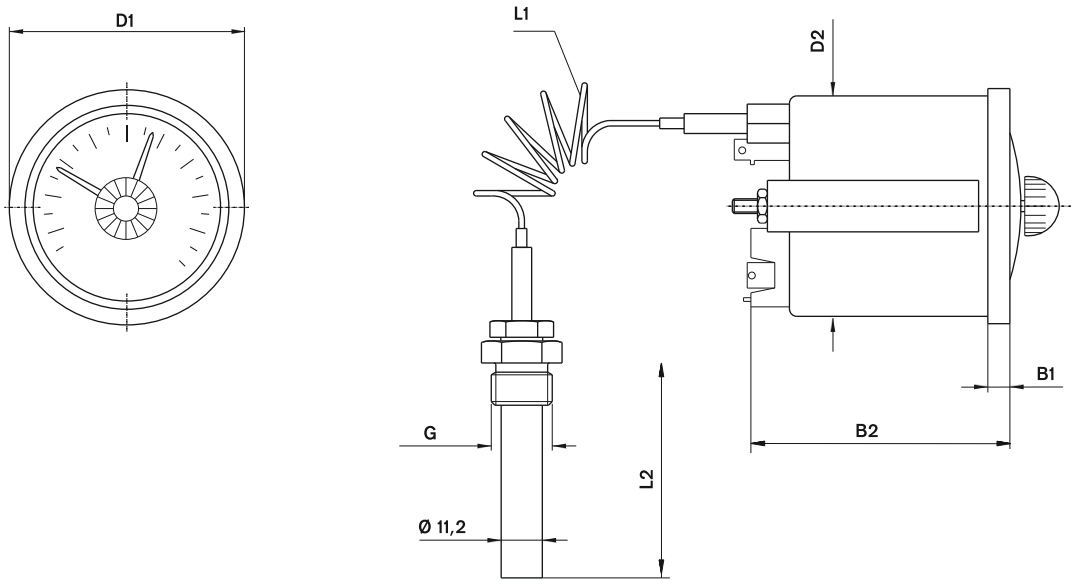
Other Process Connections

Other temperature units

Special dial design

Dimensions(mm)

Ø60



Ø	D1	D2	B1	B2	L1 (m)	L2 (m)	G
60	64	60	6	70	1-10	58,5	G3/8"

Approvals:



Turkish Standards Institution



ISO 9001 Quality Management System



TURKAK 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*