

## Description

PAKKENS TI Series Gas-Actuated Manothermometers are combined measurement instruments that consist of Bourdon tube pressure gauges and gas-actuated thermometers. That model, which is mostly used in heating applications, is designed for fitting them directly into the systems where the end-user can read both system's pressure and its temperature.

## Industrial Applications

Combi-boilers, Hot water boilers, Heating Applications

## General Specifications

### Sizes (mm):

50

### Unit:

Manometer : bar

Thermometer : °C

### Measurement Ranges:

Manometer: 0/4...6

Thermometer : 0...120

### Accuracy Class:

Manometer: Cl. 2.5

Thermometer: ±4°C

### Working Range:

#### Manometer

Steady: 75% of Full Scale

Short time: 100% of Full Scale

#### Thermometer:

100% of Full Scale

### Overpressure Resistance::

1,5xFull Scale

### Ingress Protection Rate:

IP41

### Versions:

Panel Mount-Capillary Tube

### Capillary Tube Length (m):

Manometer: 1

Thermometer: 1

### Process Connections:

Manometer: G1/4"B

Thermometer: Ø6mm Bulb

### Materials:

#### Bourdon Tube:

Copper Alloy

#### Bulb:

Copper

#### Union Nut:

Brass

#### Capillary Tube:

PVC Coated Copper

#### Case:

Plastic (Black)

#### Cover:

Plastic (Black)

#### Window:

Acrylic

#### Movement:

Brass

#### Dial:

Plastic (Black)

#### Pointer:

Manometer : Plastic, White

Thermometer : Plastic, White

Warning Pointer: Plastic, Red

### Options:

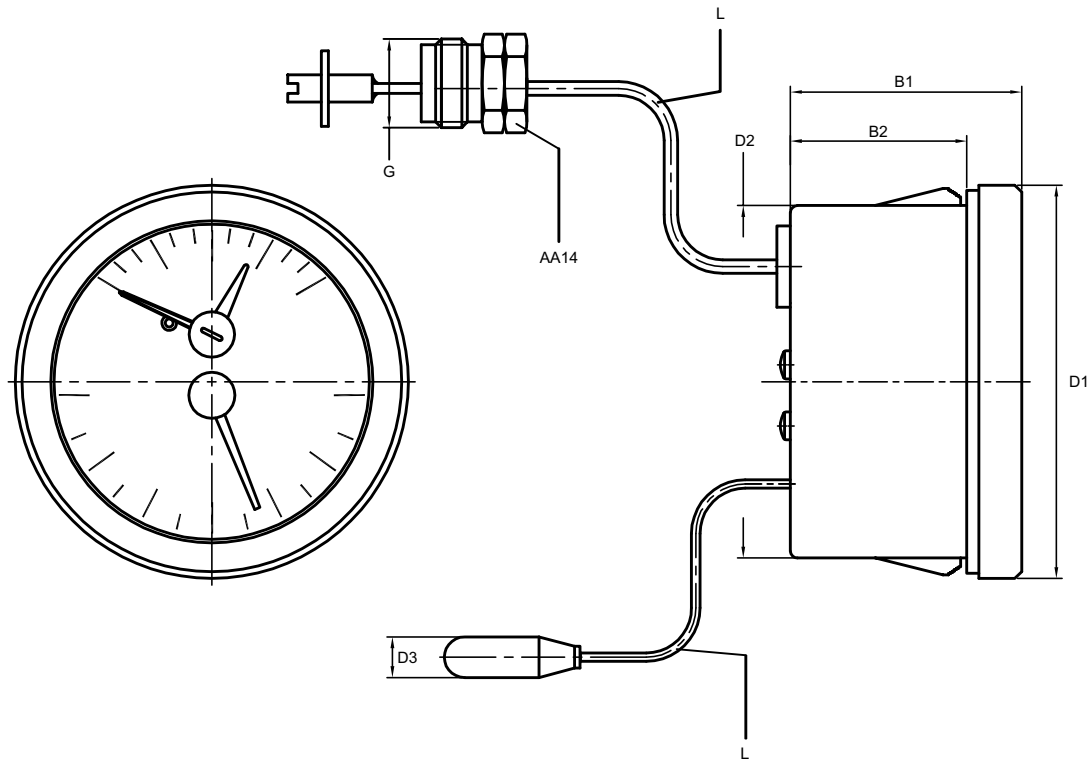
Other Process Connections

Other Units

Special Dial Design

**Dimensions(mm)**

01- Ø50



Ø	Connections	Version	Case	Window	Cover	D1	D2	D3	B1	B2	G	SW	L (m)
50	Back	Standard	Plastic	Acrylic	Plastic	58	52	6	33,5	26	G1/4"	14	1

## Approvals:

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Turkish Standards Institution



ISO 9001 Quality Management System



TURKAK Calibration Laboratory Accreditation Certificate



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



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*