

TEMPERATURE TRANSMITTERS • INDICATORS AND
CONTROLLERS

Industrial Bimetal Thermometer

II-TT-005

Bimetal, dial indication



A local dial thermometer — no power, no wiring — for points that only need to be read on site.

ENQUIRIES

info@indianainstrutech.com

+91 75033 02545

+91 92893 62447

ISSUED

24 October 2026

Industrial Bimetal Thermometer

Indiana catalogue ID **II-TT-005** Temperature Transmitters

A local dial thermometer — no power, no wiring — for points that only need to be read on site.

RANGE (SPEC CARD)	ACCURACY	HOUSING
0–500 °C	1.6 % F.S.	304 stainless steel

01 Overview

A bimetal thermometer turns the different expansion of two bonded metals into the movement of a pointer. It needs no power and nothing to calibrate in the field, which is why it is the standard local indicator on pipes, boilers and process lines.

Three listings are grouped: a silicone-oil-damped bottom-entry thermometer with IP67, an outdoor angle thermometer for steam, and a universal-type thermometer for 0–500 °C with IP65. Two titles call the instrument “digital”; the photographs show analogue dials.

WHAT IDENTIFIES IT

- Local dial indication, no power needed
- Bottom-entry and adjustable-angle styles shown
- IP65 and IP67 named on two listings
- 304 stainless steel named

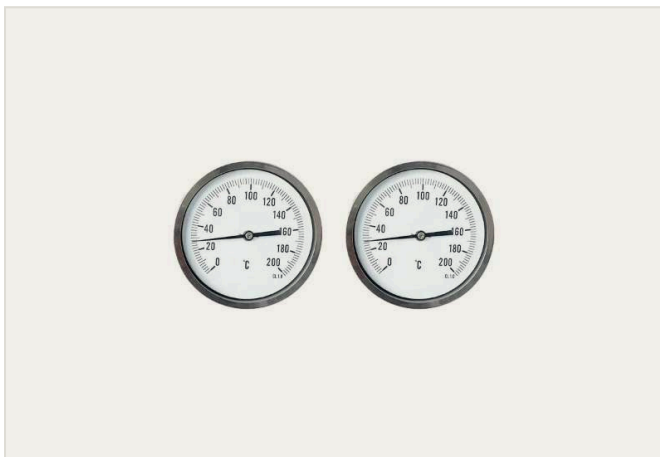
02 Views



PRIMARY VIEW Industrial Bimetal Thermometer — overall view
Product photograph



ALTERNATE VIEW Industrial Bimetal Thermometer — view 2
Product photograph



ALTERNATE VIEW Industrial Bimetal Thermometer — view 3
Product photograph



ALTERNATE VIEW Industrial Bimetal Thermometer — view 4
Product photograph

03 Principal data

AS STATED IN THE MANUFACTURER LISTING

Type	Bimetal thermometer
Range (spec card)	0–500 °C
Accuracy (spec card)	1.6 % F.S.
Housing	304 stainless steel
Protection	IP65 (one listing), IP67 (one listing)

The full set of stated values, variants and open points is in the specification document for this product.

04 Applications and industries

APPLICATIONS

- Pipes and boilers
- Steam applications
- Local temperature indication

INDUSTRIES

TO QUOTE THIS WE NEED

- Sensor input (PT100, thermocouple type)
- Temperature range
- Output required
- Insertion length and process connection
- Quantity

CONFIRM BEFORE ORDERING

- Photographs, figures and wording come from the manufacturer's product listing for this family and may describe a sibling configuration; the datasheet for the ordered model is confirmed with the quotation.
- Two titles say "digital", but the photographs show dial indicators; confirm the display type.

TELEPHONE

+91 75033 02545
+91 92893 62447

EMAIL

info@indianainstrutech.com

QUOTATION

List the product, ID and quantity; add process conditions. We reply with a quotation.

Manufacturer product listing (saved October 2026). Figures are reproduced as listed; spec-card values and title values are shown separately where they differ. Figures are reproduced from the source documentation; where a source states two different values both are shown. Nothing on this sheet is a certification, and no hazardous-area approval is implied unless a certificate is supplied with the quotation. INDIANA SALES (INDIANA INSTRUTECH) · info@indianainstrutech.com · issued 24 October 2026.