

CATEGORY 04 • 6 PRODUCTS

Temperature Transmitters

Temperature range



ENQUIRIES

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ISSUED

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Temperature Transmitters

Temperature transmitters with PT100 and thermocouple inputs and 4–20 mA output, plus local bimetal thermometers and digital temperature controllers.

01 What the range covers

PT100 / thermocouple transmitters

Bimetal thermometers

Digital controllers

02 Inside this category

TRANSMITTERS

Armored, head-mounted, integrated and display temperature transmitters.

INDICATORS AND CONTROLLERS

Bimetal dial thermometers and digital temperature controllers.

03 The range (6)



II-TT-001

Armored-Capillary Temperature Transmitter

A temperature transmitter with an armored capillary lead, listed for -200 to 500 °C, 4-20 mA and 0.5 % F.S.

-200 to 500 °C · 4-20 mA

RANGE (SPEC CARD)	ACCURACY	OUTPUT
-200 to 500 °C	0.5 % F.S.	4-20 mA

TECHNICAL SHEET · II-TT-001-TECHNICAL-SHEET.PDF



II-TT-002

Head-Mounted RTD / Thermocouple Transmitter

PT100 and universal RTD/thermocouple temperature transmitters in a connection head, with 4-20 mA output and ranges up to 0-1300 °C for K-type.

Connection head · 4-20 mA

INPUTS	OUTPUT	RANGE (K-TYPE CARD)
PT100 · thermocouple	4-20 mA	0-1300 °C

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II-TT-003

Integrated Temperature Transmitter, Explosion-Proof Housing

Integrated sensor-and-transmitter units in an explosion-proof-described housing, with PT100, PT1000 or K-type input and 4-20 mA output.

Integrated probe · 4-20 mA

INPUTS	RANGE (SPEC CARDS)	ACCURACY
PT100 · PT1000 · K	-200 to 500 °C	0.5 % F.S.

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II-TT-004

Temperature Transmitter with LCD / LED Display

Probe-style temperature transmitters with an LCD or LED display, 4-20 mA output, and RS485 or HART listed on one version.

4-20 mA · RS485 · HART

OUTPUT	RANGE (SPEC CARDS)	NARROWER RANGE (ONE TITLE)
4-20 mA (+ RS485 / HART)	-200 to 500 °C	-50 to 250 °C

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II-TT-005

Industrial Bimetal Thermometer

Stainless-steel bimetal dial thermometers for 0–500 °C, 1.6 % F.S. on the spec card, in angled and back-connected styles.

0–500 °C · 304 stainless

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

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II-TT-006

Digital Differential Temperature Controller

A microcomputer digital thermostat and differential temperature controller with an LCD, listed for chilled-water duty.

LCD · chiller water

FUNCTION	DISPLAY	DUTY NAMED
Differential thermostat	LCD	Chilled water

TECHNICAL SHEET · II-TT-006-TECHNICAL-SHEET.PDF

– Requesting a quotation

Every product in this brochure has its own technical sheet and full specification document, and its own page on the website with a quotation form that opens pre-filled with its Indiana catalogue ID.

TO PREPARE A QUOTATION WE TYPICALLY NEED

- The product name or catalogue ID
- Quantity required
- Process conditions — medium, range, temperature and pressure as applicable
- Any existing model or part number you are replacing

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QUOTATION

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

Specifications in this brochure are summarised from each product's technical sheet and specification document, available at indianainstrutech.com. INDIANA SALES (INDIANA INSTRUTECH) · info@indianainstrutech.com · issued 24 October 2026.