

TEMPERATURE TRANSMITTERS • TRANSMITTERS

Head-Mounted RTD / Thermocouple Transmitter

II-TT-002

RTD (PT100) or thermocouple input



Full specification, variants, open points and ordering information. A transmitter in the connection head converts the sensor signal to a 4–20 mA loop right at the measuring point.

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ISSUED

24 October 2026

Head-Mounted RTD / Thermocouple Transmitter

Indiana catalogue ID **II-TT-002** Temperature Transmitters · Transmitters

IDENTIFICATION

Product	Head-Mounted RTD / Thermocouple Transmitter
Indiana catalogue ID	II-TT-002
Category	Temperature Transmitters · Transmitters
Measuring principle	RTD (PT100) or thermocouple input
Model line	Connection head · 4–20 mA
Document	Specification · issued 24 October 2026

01 As stated in the manufacturer listing

Inputs	PT100 RTD; thermocouple (universal-input listing)
Output	4–20 mA (both); 0–10 V and 0–5 V on the PT100 listing
Accuracy (spec card)	0.5 % F.S.

02 Variants and model selection (2)

PT100 — PT100 SENSOR WITH TRANSMITTER

Range options of 100, 200 and 500 °C are named; thread M20 × 1.5 and lengths of 30 mm and 50 mm appear in the title.

Input	PT100
Range options	100 °C, 200 °C, 500 °C
Outputs	4–20 mA, 0–10 V, 0–5 V
Thread	M20 × 1.5

UNIVERSAL — UNIVERSAL-INPUT HEAD TRANSMITTER

Thermocouple and RTD PT100 input; spec card reads “K-type temperature transmitter”.

Inputs	Thermocouple, PT100 RTD
Output	4–20 mA
Range (spec card, K-type)	0–1300 °C
Accuracy (spec card)	0.5 % F.S.

03 Open points — confirmed with the quotation

NOT STATED IN THE LISTING — CONFIRMED WITH THE QUOTATION

Supported thermocouple types	<i>Not stated in the source</i>
Sheath material and insertion length	<i>Not stated in the source</i>
Supply voltage	<i>Not stated in the source</i>
Response time	<i>Not stated in the source</i>
Protection rating	<i>Not stated in the source</i>

Each line above is a value the source documentation does not state. It is confirmed in writing with the quotation for the configuration ordered — it is not an omission from this document.

04 Applications and industries

APPLICATIONS

- Process temperature loops
- Thermowell measurements
- Any point where the sensor head needs a 4–20 mA signal

INDUSTRIES

General industry

Chemical

05 Views



PRIMARY VIEW Head-Mounted RTD / Thermocouple Transmitter — overall view
Product photograph



ALTERNATE VIEW Head-Mounted RTD / Thermocouple Transmitter — view 2
Product photograph



ALTERNATE VIEW Head-Mounted RTD / Thermocouple Transmitter — view 3
Product photograph



ALTERNATE VIEW Head-Mounted RTD / Thermocouple Transmitter — view 4
Product photograph

06 Ordering

Quote reference	II-TT-002
Model / variant options	PT100 · Universal
Lead time, terms, documentation	Confirmed in the quotation

TO PREPARE A QUOTATION WE NEED

- Sensor input (PT100, thermocouple type)
- Temperature range
- Output required

— Insertion length and process connection

— Quantity

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QUOTATION

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

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.
- The 0–1300 °C figure is a K-type thermocouple range on one spec card; it does not apply to the PT100 listing.
- The “30 mm” and “50 mm” in the PT100 title are probably lengths; confirm their meaning.

Manufacturer product listing (saved October 2026). Figures are reproduced as listed; spec-card values and title values are shown separately where they differ. Values are reproduced from the source documentation as stated there; where a source gives two different values for the same property, both are shown with their source. Unstated values are listed under “Open points”. This document is not a certificate, and no approval, certification or hazardous-area suitability is implied. INDIANA SALES (INDIANA INSTRUTECH) · info@indianainstrutech.com · +91 75033 02545 · +91 92893 62447 · issued 24 October 2026.