

TEMPERATURE TRANSMITTERS · TRANSMITTERS

Temperature Transmitter with LCD / LED Display

II-TT-004

RTD (PT100), digital display



A transmitter with its own readout, so the temperature can be checked at the instrument as well as in the control room.

ENQUIRIES

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ISSUED

24 October 2026

Temperature Transmitter with LCD / LED Display

Indiana catalogue ID **II-TT-004** Temperature Transmitters

A transmitter with its own readout, so the temperature can be checked at the instrument as well as in the control room.

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

01 Overview

A local display saves a trip to the control room when commissioning or fault-finding. These listings combine a PT100 probe with a transmitter head that shows the measured value.

Three listings are grouped: a version with RS485 or HART alongside 4–20 mA, an industrial digital transmitter with PT100 input and IP65 stainless construction, and an RTD signal converter with an LCD and a –50 to 250 °C span.

WHAT IDENTIFIES IT

- LCD or LED readout
- 4–20 mA output; RS485 or HART on one listing
- PT100 input on two listings
- IP65 stainless-steel construction on one listing

02 Views



PRIMARY VIEW Temperature Transmitter with LCD / LED Display — overall view
Product photograph



ALTERNATE VIEW Temperature Transmitter with LCD / LED Display — view 2
Product photograph



APPLICATION Stainless-steel process vessel with clamped manway — illustrative environment, not an installation of this product
Illustrative scene

03 Principal data

AS STATED IN THE MANUFACTURER LISTING

Output	4–20 mA; RS485 or HART (one listing)
Input	PT100 RTD (two listings)
Range (spec cards)	–200 to 500 °C
Range (one title)	–50 to 250 °C
Accuracy (spec cards)	0.5 % F.S.
Protection (one title)	IP65

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

04 Applications and industries

APPLICATIONS

- Local temperature indication with remote signal
- Process lines and vessels

INDUSTRIES

General industry

Chemical

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.
- The spec cards give –200 to 500 °C while one title gives –50 to 250 °C; confirm the range of the model supplied.
- Explosion-proof wording appears on one title; no certificate is stated.

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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.