

PRESSURE METERS • PRESSURE TRANSMITTERS

Smart Monocrystalline- Silicon Pressure Transmitter

II-PT-008

Monocrystalline silicon, HART



A smart, HART-capable pressure transmitter based on a monocrystalline-silicon sensor, in four listed versions.

ENQUIRIES

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ISSUED

24 October 2026

Smart Monocrystalline-Silicon Pressure Transmitter

Indiana catalogue ID **II-PT-008** Pressure Meters

A smart, HART-capable pressure transmitter based on a monocrystalline-silicon sensor, in four listed versions.

OUTPUT	SPAN (ONE LISTING)	ACCURACY (SPEC CARDS)
4–20 mA + HART	–1 bar to 600 bar	0.075 % F.S.

01 Overview

Monocrystalline silicon gives a stable, repeatable sensor, and a HART layer on the 4–20 mA loop lets the instrument be configured and diagnosed from a handheld or the control system. The four listings grouped here share a green or grey field housing with LCD.

One listing is a small-size ZT-3051-TDG model with a voltage output; others are a water-supply transmitter, an economical 304 stainless version with LCD and IP65, and an IP67 version. Accuracy is stated inconsistently between titles and spec cards, so it is set out per version.

WHAT IDENTIFIES IT

- Smart transmitter with HART
- LCD on the listed versions
- IP65 and IP67 versions listed
- Small-size ZT-3051-TDG listed with 10 bar and 20 bar ranges

02 Views



PRIMARY VIEW Smart Monocrystalline-Silicon Pressure Transmitter — overall view
Product photograph



ALTERNATE VIEW Smart Monocrystalline-Silicon Pressure Transmitter — view 2
Product photograph



ALTERNATE VIEW Smart Monocrystalline-Silicon Pressure Transmitter — view 3
Product photograph



ALTERNATE VIEW Smart Monocrystalline-Silicon Pressure Transmitter — view 4
Product photograph

03 Principal data

AS STATED IN THE MANUFACTURER LISTING

Type	Smart pressure transmitter, monocrystalline silicon
Output	4–20 mA + HART (three listings); RS485 on one
Accuracy (spec cards)	0.075 % F.S. on three cards, 0.25 % F.S. on one

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

04 Applications and industries

APPLICATIONS

- Constant-pressure water supply
- Water treatment
- General industrial pressure measurement

INDUSTRIES

Water and wastewater

General industry

TO QUOTE THIS WE NEED

- Pressure type (gauge, absolute, differential) and range
- Medium and temperature
- Output and supply required
- 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.
- Accuracy conflicts: the ZT series title says 0.2 % while its spec card says 0.075 % F.S.; the ZT-3051-TDG title says 0.075 % while its spec card says 0.25 % F.S.

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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.