

PRESSURE METERS • PRESSURE TRANSMITTERS

Smart Monocrystalline- Silicon Pressure Transmitter

II-PT-008

Monocrystalline silicon, HART



Full specification, variants, open points and ordering information. 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 · Pressure transmitters

IDENTIFICATION

Product	Smart Monocrystalline-Silicon Pressure Transmitter
Indiana catalogue ID	II-PT-008
Category	Pressure Meters · Pressure transmitters
Measuring principle	Monocrystalline silicon, HART
Model line	Includes ZT-3051-TDG
Document	Specification · issued 24 October 2026

01 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

02 Variants and model selection (4)

RS485 — WATER-SUPPLY TRANSMITTER

Constant-pressure water supply.

Output	4–20 mA + HART, RS485
Accuracy (spec card)	0.075 % F.S.

IP67 · –1...600 BAR — ZT SERIES, IP67

Title states a –1 bar to 600 bar span.

Protection	IP67
Span (title)	–1 bar to 600 bar
Accuracy (title)	0.2 %
Accuracy (spec card)	0.075 % F.S.

IP65 · 304SS — ECONOMICAL TRANSMITTER WITH LCD

Listed for water treatment.

Protection	IP65
Body	304 stainless steel
Display	LCD
Output	4–20 mA + HART
Accuracy (spec card)	0.075 % F.S.

ZT-3051-TDG — SMALL-SIZE TRANSMITTER

Listed with 10 bar and 20 bar ranges and a voltage output.

Model	ZT-3051-TDG
Ranges (title)	10 bar, 20 bar
Accuracy (title)	0.075 %
Accuracy (spec card)	0.25 % F.S.

03 Open points — confirmed with the quotation

NOT STATED IN THE LISTING — CONFIRMED WITH THE QUOTATION

Full range list	<i>Not stated in the source</i>
Process connection	<i>Not stated in the source</i>
Wetted materials	<i>Not stated in the source</i>
Supply voltage	<i>Not stated in the source</i>
Temperature limits	<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

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

INDUSTRIES

Water and wastewater

General industry

05 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



ALTERNATE VIEW Smart Monocrystalline-Silicon Pressure Transmitter

— view 5

Product photograph

06 Ordering

Quote reference	II-PT-008
Model / variant options	ZT-3051-TDG · RS485 · IP67 · -1...600 bar · IP65 · 304SS · ZT-3051-TDG
Lead time, terms, documentation	Confirmed in the quotation

TO PREPARE A QUOTATION WE NEED

- Pressure type (gauge, absolute, differential) and range
- Medium and temperature
- Output and supply required
- Process connection
- Quantity

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.
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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.

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.
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