

PRESSURE METERS • DIFFERENTIAL PRESSURE

ZT-3051-DP Differential Pressure Transmitter

II-PT-012

Model ZT-3051-DP

Silicon sensor, differential



Full specification, variants, open points and ordering information. A 3051-style differential transmitter with two process flanges and a field housing, in a standard and a HART version.

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ISSUED

24 October 2026

ZT-3051-DP Differential Pressure Transmitter

Indiana catalogue ID **II-PT-012** Manufacturer model **ZT-3051-DP** Pressure Meters · Differential pressure

IDENTIFICATION

Product	ZT-3051-DP Differential Pressure Transmitter
Indiana catalogue ID	II-PT-012
Manufacturer model	ZT-3051-DP
Category	Pressure Meters · Differential pressure
Measuring principle	Silicon sensor, differential
Model line	ZT-3051-DP · IP65 / IP67
Document	Specification · issued 24 October 2026

01 As stated in the manufacturer listing

Model	ZT-3051-DP
Output	4–20 mA; HART on the single-crystal version
Protection	IP65/IP67 (ZT-3051-DP title)
Span (spec card)	0–100 kPa

02 Variants and model selection (2)

ZT-3051-DP — LOW-COST INDUSTRIAL VERSION

Listed as a high-precision industrial differential pressure transmitter.

Output	4–20 mA
Protection	IP65/IP67
Span (spec card)	0–100 kPa
Accuracy (title)	0.5 %
Accuracy (spec card)	0.2 % F.S.

SINGLE CRYSTAL · HART — SINGLE-CRYSTAL-SILICON VERSION

Listed for pharmaceutical duty.

Output	4–20 mA + HART
Protection	IP65
Span (spec card)	–1 to 1 kPa
Accuracy	0.075 % F.S.

03 Open points — confirmed with the quotation

NOT STATED IN THE LISTING — CONFIRMED WITH THE QUOTATION

Orderable spans	<i>Not stated in the source</i>
Static pressure and overpressure limits	<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>
Process connection and manifold	<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

— Flow measurement across orifice plates

— Filter and strainer monitoring

— Pharmaceutical process lines

INDUSTRIES

Pharmaceutical

Chemical

General industry

05 Views



PRIMARY VIEW ZT-3051-DP Differential Pressure Transmitter — overall view
Product photograph



ALTERNATE VIEW ZT-3051-DP Differential Pressure Transmitter — view 2
Product photograph



ALTERNATE VIEW ZT-3051-DP Differential Pressure Transmitter — view 3
Product photograph



ALTERNATE VIEW ZT-3051-DP Differential Pressure Transmitter — view 4
Product photograph



ALTERNATE VIEW ZT-3051-DP Differential Pressure Transmitter —

view 5

Product photograph

06 Ordering

Quote reference	II-PT-012 · model ZT-3051-DP
Model / variant options	ZT-3051-DP · ZT-3051-DP · Single crystal · HART
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 on the ZT-3051-DP (0.5 % title, 0.2 % spec card).
- The documented ZT-3051DRG, ZT-3051DG and ZT-3051DP-SF variants are on the Pressure and Differential Pressure Transmitters sheet; confirm which this model corresponds to.

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.