

PRESSURE METERS • DIFFERENTIAL PRESSURE

ZT-3051-DP Differential Pressure Transmitter

II-PT-012

Model ZT-3051-DP

Silicon sensor, differential



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

A 3051-style differential transmitter with two process flanges and a field housing, in a standard and a HART version.

OUTPUT	SPAN (SPEC CARD)	ACCURACY
4–20 mA (+ HART)	0–100 kPa	0.075–0.5 % F.S.

01 Overview

The 3051 style — a field housing over a twin-flanged sensor module — is the standard layout for measuring differential pressure across orifice plates, filters and tank levels. The ZT-3051-DP is the entry-level version; a single-crystal-silicon HART version appears in a sibling listing.

Accuracy is the open question here: the ZT-3051-DP title states 0.5 %, its spec card 0.2 % F.S., and the HART version's card 0.075 % F.S. The page shows each figure against its source until the supplier confirms them.

WHAT IDENTIFIES IT

- Twin-flange sensor module under a field housing
- 4–20 mA output; HART on the single-crystal version
- IP65/IP67 housing named on the ZT-3051-DP
- 0–100 kPa span on the ZT-3051-DP spec card

02 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

03 Principal data

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

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

04 Applications and industries

APPLICATIONS

- Flow measurement across orifice plates
- Filter and strainer monitoring
- Pharmaceutical process lines

INDUSTRIES

Pharmaceutical

Chemical

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 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.

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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.