HiTECH
Technologies, Inc.

ALL Stainless Steel Process
Pressure - Level Transmitter

Piezo Resistive SensingTechnology

Model 8000-SAN

Durable "ALL Stainless Steel " Transmitter

IDEAL for

- ◆ **Breweries**
- ◆ **Chemicals**
- ◆ **Food Processing**
- ◆ **Pharmaceuticals**
- ◆ **Power Plants**
- ◆ **Pulp & Paper**
- ◆ **Water & Wastewater**

ADVANTAGES

Mounting

    1-1/2" NPT

Durable Flush Diaphram

    Laser Welded

Span Ranges

    from 1.5 psi to 735 psi

No moving parts

Easy to Install

Maintenance free

Intrinsically Safe (option)

    CENELEC, EEx ia IIC T4

The Series 8000-SAN are solid state pressure - level transmitter incorporating a fully temperature compensated piezo resistive sensor and a robust flush mounted diaphragm.

Designed to be non-clogging and suitable for harsh process environments, they fully meet the requirements of a wide variety of processing industries.

All versions are CENELEC approved for Intrinsically Safe applications (optional).

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SPECIFICATIONS

Type
Piezo Resistive Sensing
Technology continuous level

Output Signal
4-20mA, 2-wire

Adjustment
zero and span internally

Accuracy
$\pm$ 0.2% of adjusted span

Power Supply
13 to 40 VDC

External Load
550 Ohms @ 24 VDC

Temperature
Process   -4 ^{0}F to +212 ^{0}F
Ambient -4 ^{0}F to +158 ^{0}F

Temp. Sensitivity
$\pm$ 0.015%/^{0}K

Measuring Ranges
from 1.2 psi to 735 psi

Sensor (wetted parts)
316 stainless steel

Electronic Housing
304 stainless steel

Mounting
1-1/2" NPT

Ø2.72"
5.04"
1½" NPT
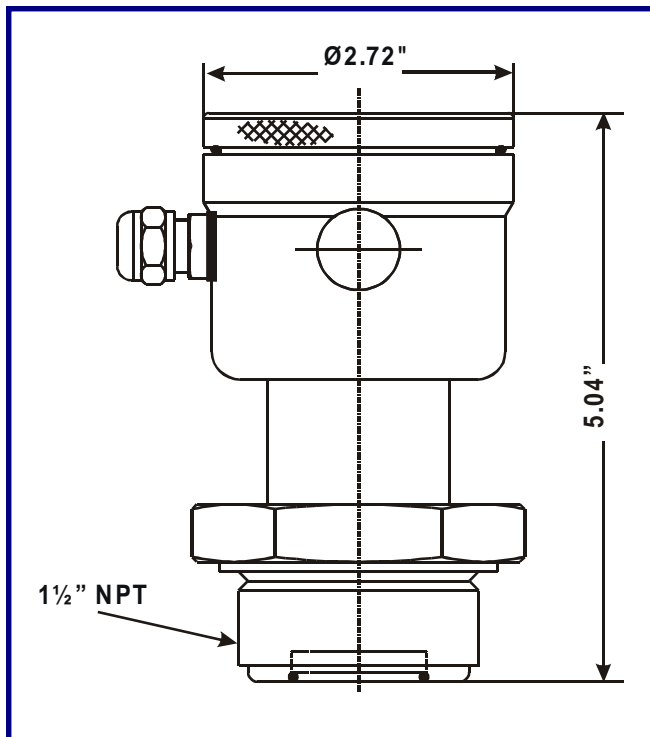
PERFORMANCE GUARANTEE

Since 1986, every instrument sold by **HiTECH** has been guaranteed to perform in the application it originally was engineered and recommended for. Our company policy remains the same, every product sold comes with a **written performance guarantee**.

Should the equipment be unable to perform satisfactorily in your application and we are not able to correct the problem, we will accept the instrument in return and issue full credit.

This performance guarantee is valid for 60 days. Thereafter, our standard limited two years factory warranty goes into effect.

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