

# azbil

## Advanced Transmitter



**Reliable Measurement.**  
**Proven Performance.**  
**Exceptional Value.**

Azbil North America, Inc.

## Reliable Measurement.

Maintains stability of  $\pm 0.1\%$  of URL for 10 years, the best specification in the industry.

Virtually zero downtime for calibration.

Piezoresistive sensor technology ensures first-day accuracy throughout the life of the transmitter.

User-customizable interface can measure and display in units that you decide for your application.

Optional ALARM output function alerts you to small problems before they become big ones.



## Proven Performance.

The latest evolution of our piezoresistive technology is highly accurate and requires almost no maintenance.

Fast response time below 100ms makes the transmitter suitable for pressure control in turbine applications.

Certified SIL2 to IEC61058 standard for use as a component in a Safety Instrument System.

## Exceptional Value.

Wide turndown ranges enable lower support inventory levels for reduced total cost of ownership.

Azibil Bilingual SMART GTX Pressure Transmitters are ideal for plants with mixed DCS communications protocols that use both DE and HART®

— Buy One and You're Done!

HART® is a registered trademark of FieldComm Group.

### Specification Summary (DP Transmitter)

Output	Description	Code
	4 to 20 mA (SFN)	A
	4 to 20 mA (HART5)	B
	FOUNDATION Feildbus	C
	Digital Output (DE)	D
	Bilingual (DE/HART5)	E
	4 to 20 mA (HART7)	F

Accuracy	$\pm 0.04\%$ of calibrated span (GTX30D/31D/32D)
Measuring Span	0.4" H <sub>2</sub> O to 2000 psid (covered with 4 models)
Max Working Pressure	6000 psi
Long-Term Stability	$\pm 0.1\%$ of URL for 10 years
Turndown Ratio	200:1
Certifications and Approvals	FM / NEPSI / ATEX Explosion-proof, Intrinsically safe.

For complete specifications on all models, visit [us.azbil.com](http://us.azbil.com) or contact your local Azbil Representative.

Available in many configurations to suit any type of installation:

## Gauge and Absolute Pressure

Users of the gauge pressure transmitters can select either In-Line (Direct Mount) or Dual-Head style to fit their needs. Available ranges include -14.7 to 500 psig, -14.7 to 2000 psig and -14.7 to 6000 psig.

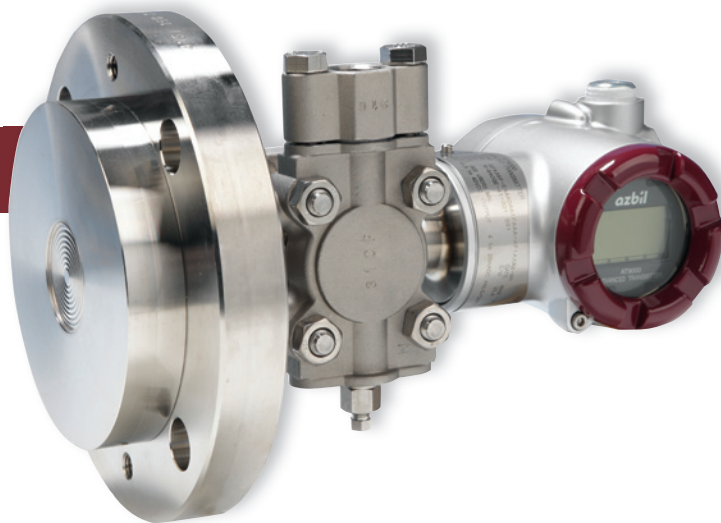
Absolute pressure transmitters are aimed at low pressure applications typically in the vacuum range of pressure. Available ranges include 0 to 30 in. HgA and 0 to 500 psia.



## Flanged

Flange mount level transmitters provide a cost-effective method of level measurement for storage tanks, reactor vessels, distillation columns, and other applications.

Available with 1-1/2, 2, 3 and 4 inch process connection with ANSI Class 150, 300 and 600 flanges for flexibility to meet your specific requirements.



## Remote Seals

Transmitters with remote diaphragm seals are available for challenging applications, ensuring reliable performance even in high heat and high corrosion environments. Contact Azbil North America or your local representative for assistance in selecting the right transmitter seal system for your application.





**Azbil North America is also your source for:**

- Electromagnetic flowmeters
- Multivariable vortex flowmeters
- Control valves and valve positioners

**us.azbil.com**  
**866-736-7672**

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