Pressure Products

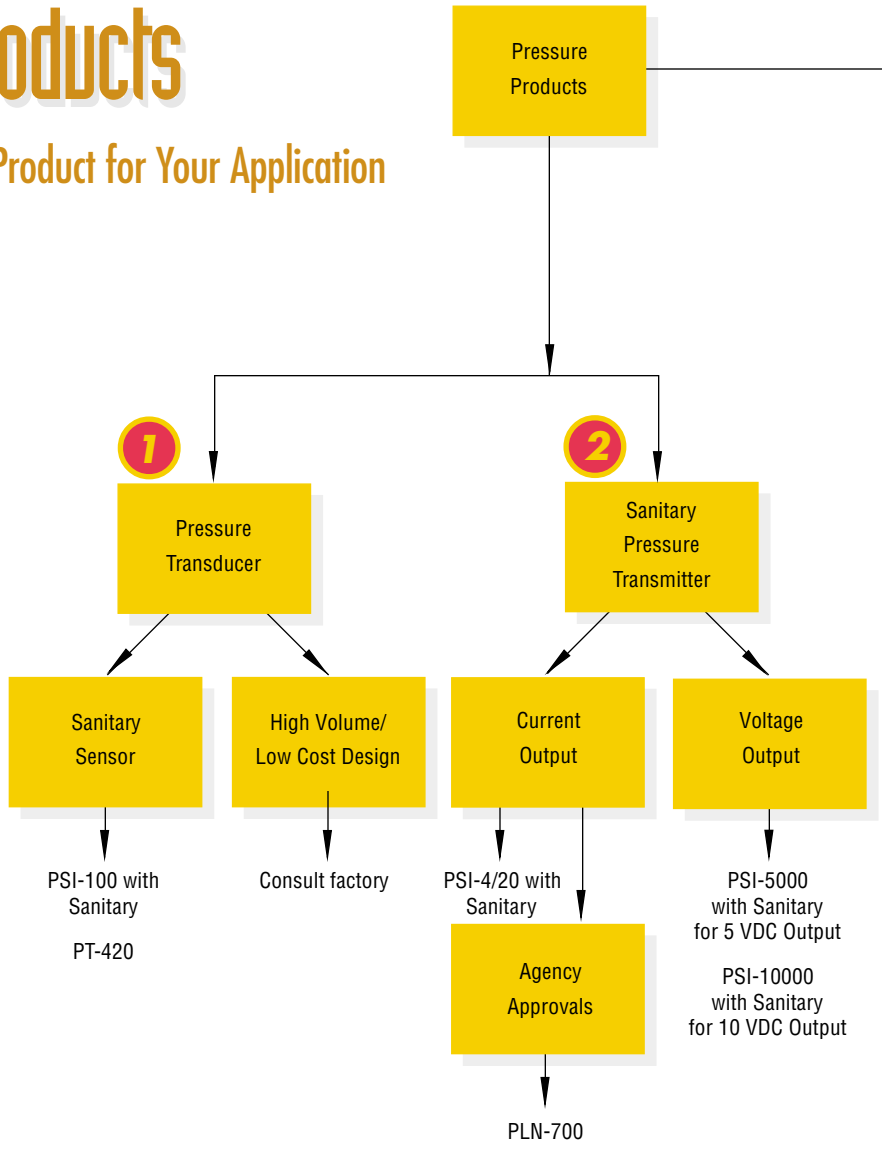
Selecting the Proper Pressure Product for Your Application

STI offers a number of Pressure Products for gas or liquid measurement from 0 to 10,000 psig or psia.

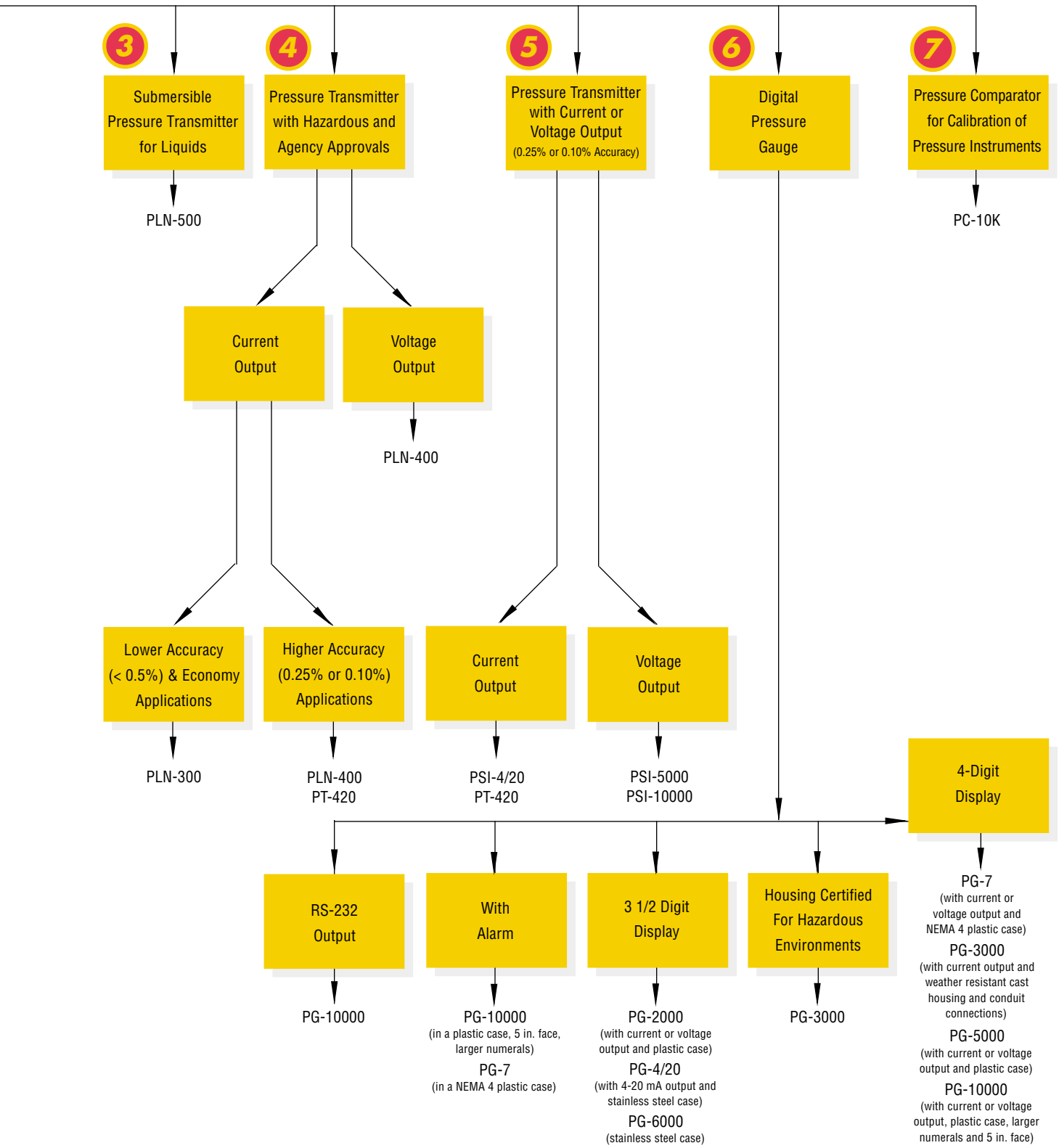
To assist you in the selection process, please begin with the following guidelines:

Does your application require

- A pressure transducer (millivolt output)? *Go to Step 1.*
- A sanitary pressure transmitter? *Go to Step 2.*
- A submersible pressure transmitter? *Go to Step 3.*
- A pressure transmitter with agency approvals? *Go to Step 4.*
- A pressure transmitter with current or voltage output? *Go to Step 5.*
- A digital pressure gauge? *Go to Step 6.*
- A pressure comparator for calibration of pressure instruments? *Go to Step 7.*



See pages 100-101 for a complete product selection chart.


3
Submersible Pressure Transmitter for Liquids
PLN-500
4
Pressure Transmitter with Hazardous and Agency Approvals
Current Output
Voltage Output
PLN-400
Lower Accuracy (< 0.5%) & Economy Applications
PLN-300
Higher Accuracy (0.25% or 0.10%) Applications
PLN-400
PT-420
5
Pressure Transmitter with Current or Voltage Output
(0.25% or 0.10% Accuracy)
Current Output
PSI-4/20
PT-420
Voltage Output
PSI-5000
PSI-10000
6
Digital Pressure Gauge
RS-232 Output
PG-10000
With Alarm
PG-10000
(in a plastic case, 5 in. face, larger numerals)
PG-7
(in a NEMA 4 plastic case)
3 1/2 Digit Display
PG-2000
(with current or voltage output and plastic case)
PG-4/20
(with 4-20 mA output and stainless steel case)
PG-6000
(stainless steel case)
Housing Certified For Hazardous Environments
PG-3000
4-Digit Display
PG-7
(with current or voltage output and NEMA 4 plastic case)
PG-3000
(with current output and weather resistant cast housing and conduit connections)
PG-5000
(with current or voltage output and plastic case)
PG-10000
(with current or voltage output, plastic case, larger numerals and 5 in. face)
7
Pressure Comparator for Calibration of Pressure Instruments
PC-10K

Pressure Products

Quick Reference Chart for Locating Products on Our Fax Back System or Website.

There are a number of ways that you can obtain more information about the pressure products that interest you:

The most popular way to get instant information is to visit our website at automationsensors.com. Here you'll find datasheets on every product offered.

Our Fax Back System works directly from our website and is a great way to have datasheets and technical information faxed directly to your desk or your

For the Latest Information

Try Our Fax Back System at **1/916/431-6544**
On the Internet: **www.automationsensors.com/** (insert specific document number after the backslash)
E-mail: **sales@automationsensors.com**

	PG-4/20 Digital Gauge	PG-7 Digital Gauge	PG-2000 Digital Gauge	PG-3000 Digital Gauge	
					
Features	• Accuracy (linearity, hysteresis,repeatability): ±.25% F.S. (B.F.S.L.) • 3.5 digit display • 4-20 mA output • High overpressure capability • Ranges vacuum to 2,000 psi	• Weather resistant • Self powered by 9 V battery • Full 4 digit display w/ 0.5 in. characters • Keypad operated microprocessor circuit has "TARE", peak hold and alarm	• Large 3.5 digit display with 0.5 in. digits • Battery operated with convenient on/off switch • Ranges vacuum to 2,000 psi	• Ranges vacuum to 10,000 psi • Self powered by long life batteries • Very large 4.5 LCD display (0.6 in. digits) • Water, dust, and explosion proof housing	
Page Numbers in this Catalog (if available)	102-103	104-105	106-107	108-109	
Fax Back Code (1/916/431-6544)	6350	6351	6352	6353	
www.automationsensors.com/	6350	6351	6352	6353	

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E-mail: **sales@automationsensors.com**

	PLN-500 Submersible Transmitter	PLN-700 3A Sanitary Transmitter	PLN-800/200 Hydrostatic Monitor	PSI-4/20 Two-Wire Transmitter	
					
Features	• Simple to install liquid level measurement • High precision, solid state signal: 4-20 mA	• Solid state pressure transmitter • Sanitary 3A fitting • 4-20 mA standard • Linearity 0.5% of span	• High accuracy/ repeatability • Protected against lightning surge • Humidity/dew immunity • Minimal temperature error • Diaphragm protection	• Low cost for OEM • Accuracy (linearity, hysteresis, repeatability): ±0.25% F.S. (B.F.S.L.). ±0.10% F.S. optional • 4-20 mA output • High overpressure capability	
Page Numbers in this Catalog (if available)	124-125	126-127	n/a	128-129	
Fax Back Code (1/916/431-6544)	6168	6169	6175	6357	
www.automationsensors.com/	6168	6169	6175	6357	

customer's desk. Simply call 1/916/431-6544 and enter the fax back code listed below when prompted.

STI application engineers are also available to answer technical questions and provide customer support. They can be reached by phone or e-mail.

	PG-5000 Digital Gauge	PG-6000 Digital Gauge	PG-10000 Digital Gauge	PT-420 Industrial Transmitter	PLN-300 OEM Transmitter	PLN-400 Industrial Transmitter
						
	• Self powered by 9 V battery • Large, full 4 digit display with 0.5 in. characters • Microprocessor-based circuit has "TARE" capability standard	• Stainless steel enclosure • Battery operated • 3.5 digit display • Accuracy ±0.25% F.S. (B.F.S.L.) • Ranges vacuum to 2,000 psi direct reading	• Self powered • Extra large full 4-digit display with 0.75 in. characters and 270° bar graph "analog" readout • Ranges vacuum to 10,000 psi	• Solid state transducer element • 4-20 mA output • Standard linearity ±0.25% full scale B.F.S.L. • Intrinsicaly safe models • Flame proof models	• Solid state OEM pressure transmitter • Wide range of pressure options - absolute and gage • High vibration resistance — 4-20 mA standard • Low cost for OEM	• Solid state transducer element • Standard linearity ±0.25% • High precision ±0.05% repeatability • 4 convenient signal output
	110-111	112-113	114-115	n/a	116-119	120-123
	6354	6355	6356	6764	6166	6167
	6354	6355	6356	6764	6166	6167

	PSI-100 Millivolt Transmitter	PSI-5000 High Level Transmitter	PSI-10000 High Level Transmitter	Sanitary Transducer	PWC Pressure Transmitter	PC-10K Comparator/Calibrator
						
	• Low cost for OEM • Accuracy (linearity, hysteresis, repeatability): ±0.25% F.S. (B.F.S.L.) • Hybrid compensation network for reliability • Standardized output of 10 mV/V	• Low cost for OEM • Accuracy (linearity, hysteresis, repeatability): ±0.25% F.S. (B.F.S.L.) • 0-5 VDC output • Compact size and very low weight (3 oz.)	• Low cost for OEM • Accuracy (linearity, hysteresis, repeatability): ±0.25% F.S. (B.F.S.L.) • 0-10 VDC output • Compact size and very low weight (3 oz.)	• Low cost for OEM • Accuracy (linearity, hysteresis, repeatability): ±0.5% F.S. (B.F.S.L.) • Hybrid compensation network for reliability • Standardized output of 10 mV/V	• Corrosion resistant stainless steel wetted surfaces • Welded construction for hostile environments • Field adjustable zero and span controls	• Low cost • Self contained • Accuracy ±0.1% F.S. • 0–10,000 psi • Ease of operation • Water or oil operated
	130-131	132-133	n/a	136-137	134-135	138-139
	6358	6359	6650	6360	6361	6362
	6358	6359	6650	6360	6361	6362