

ECONOMICAL CURRENT OUTPUT PNEUMATIC PRESSURE TRANSMITTER FOR GAGE PRESSURE AND VACUUM MEASUREMENT

PX271A Series
3-15 to 0-30 psi

All Ranges
\$125

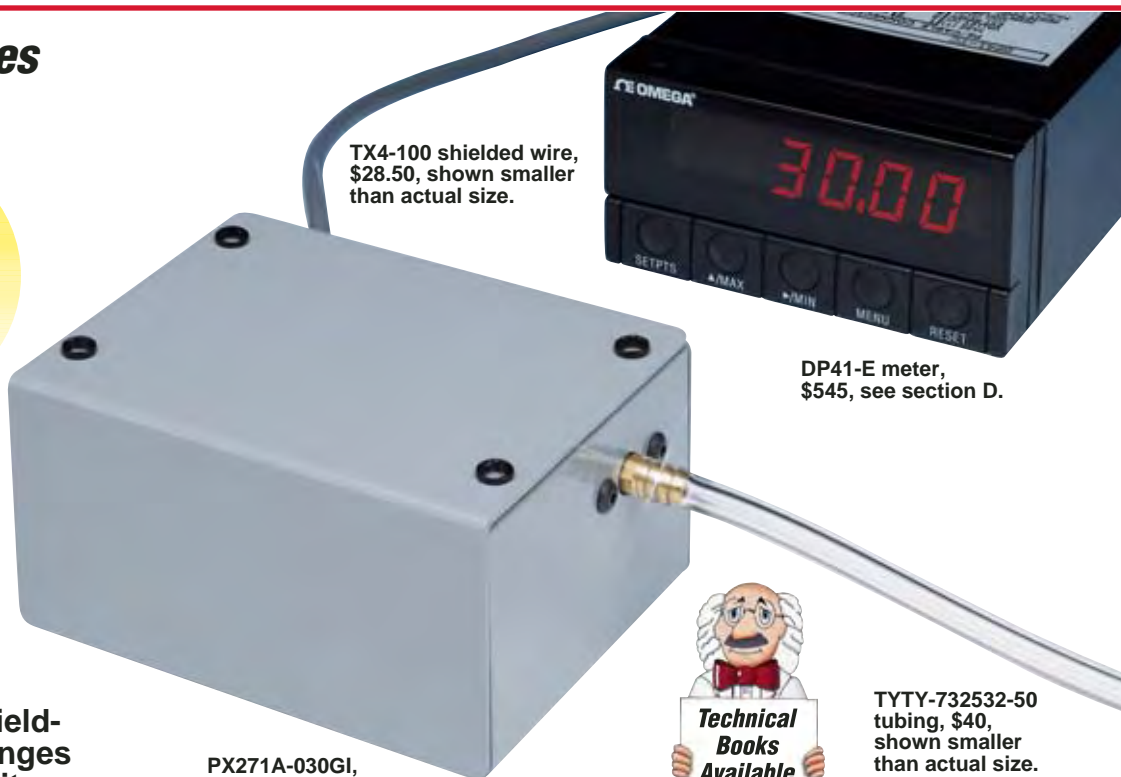


- ✓ Up to Three Field-Selectable Ranges in a Single Unit
- ✓ Ideal for Monitoring Pneumatic Pressure
- ✓ Suited for Clean, Dry, Non-Corrosive Gases
- ✓ Rugged Steel NEMA 4 (IP65) Enclosure
- ✓ Solid State Reliability

The OMEGA® PX271A pressure transducer is ideal for use in pneumatic control systems and other industrial applications. The sensing element is a 100% solid state piezoresistive silicon chip featuring low hysteresis, excellent repeatability, and long-term stability. The signal conditioning and temperature compensation are performed by industrial-quality integrated circuits to provide an accurate, linear, user-selectable 0 to 5 or 0 to 10 Vdc signal.

SPECIFICATIONS

Excitation: 12 to 40 Vdc or 12 to 35 Vac
Output: 4 to 20 mA (2 wire)
Accuracy: ±1% FS
Compensated Temp.: -18 to 82°C (0 to 120°F)



TX4-100 shielded wire, \$28.50, shown smaller than actual size.

DP41-E meter, \$545, see section D.

PX271A-030GI, \$125, shown smaller than actual size.

TYTY-732532-50 tubing, \$40, shown smaller than actual size.



Thermal Effects: ±0.03°C (0.025%°F)
Proof Pressure: 40 psig
Burst Pressure: 100 psig
Response Time: 400 ms
Media Compatibility: Dry non-corrosive gases only
Pressure Port: ¼" hose barb

Electrical Connection: Screw terminals
Weight: 0.45 kg (1 lb)
Case: 18-gage steel, NEMA 4 (IP65) rated
Dimensions: 152.4 x 127.0 x 57.15 mm (6.00 x 5.00 x 2.25")

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

SELECTABLE RANGES	MODEL NO.	PRICE	COMPATIBLE METERS*
0 to 30, 0 to 15, 0 to 7.5 psig	PX271A-020GI	\$125	DP41-E, DP25B-E
0 to 20, 0 to 10, 0 to 5 psig	PX271A-030GI	125	DP41-E, DP25B-E
3 to 15 psig	PX271A-X15GI	125	DP41-E, DPi Series, DP25B-E

Comes with complete operator's manual.

* See section D for compatible meters.

Ordering Example: PX271A-X15GI and TYTY-732532-50, industrial 0 to 15 Vdc transducer with 3 to 15 psig range and 15.24 m (50') of flexible plastic tubing, \$125 + 40 = \$165.

ACCESSORIES

MODEL NO.	PRICE	DESCRIPTION
TX4-100	\$28.50	30.48 m (100') of 4-conductor shielded wire
TYTY-732532-50	40.00	15.24 m (50') of flexible plastic tubing
PE-1001	250.00	Reference Book: Instrumentation and Control Fundamentals and Applications



CURRENT OUTPUT
PRESSURE TRANSDUCERS
B

omega.co.uk[®]

Your One-Stop Source for Process Measurement and Control!

Freephone 0800 488 488 | International +44(0) 161 777 6622 | Fax +44(0) 161 777 6622 | Sales@omega.co.uk

www.omega.co.uk



UNITED STATES

www.omega.com

1-800-TC-OMEGA
Stamford, CT.

UNITED KINGDOM

www.omega.co.uk

Manchester, England
0800-488-488
+44-(0)161-777-6611

CANADA

www.omega.ca

Laval(Quebec)
1-800-TC-OMEGA

FRANCE

www.omega.fr

0800-466-342

GERMANY

www.omega.de

Deckenfronn, Germany
0800-8266342

BENELUX

www.omega.nl

0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485, Ethernet and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters