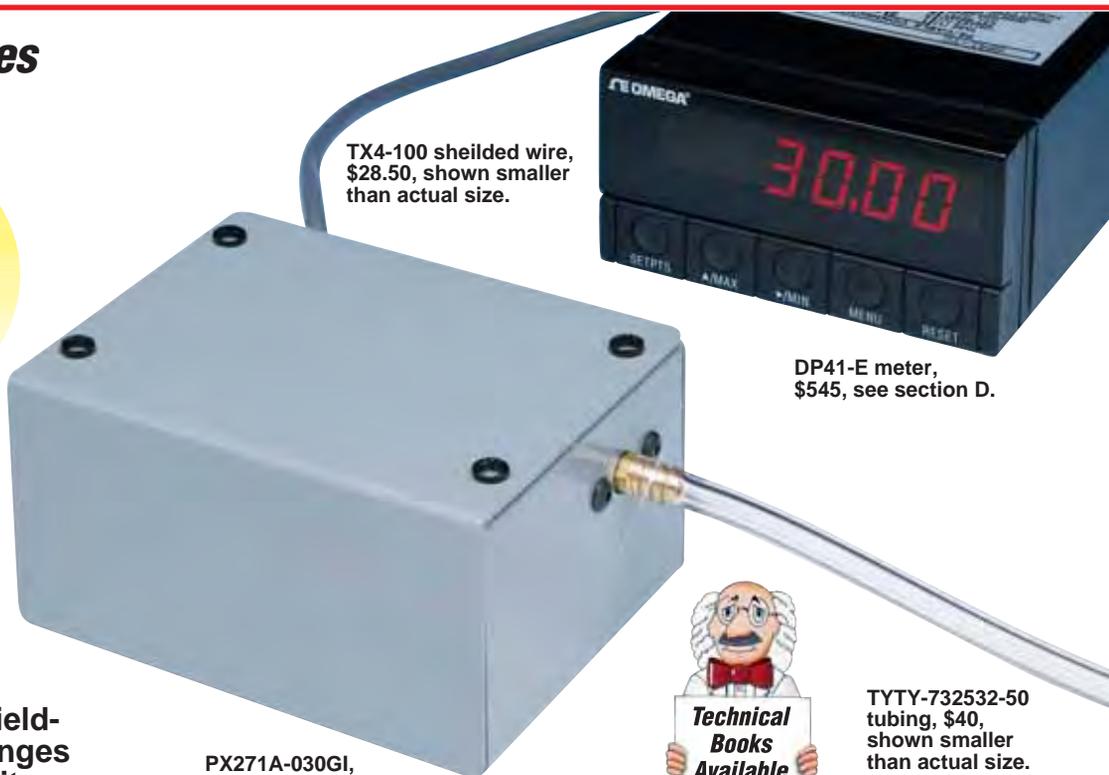


# LOW-COST CURRENT OUTPUT PNEUMATIC PRESSURE TRANSMITTER FOR GAGE PRESSURE AND VACUUM MEASUREMENT

**PX271A Series**  
3-15 to 0-30 psi

All Ranges  
**\$125**



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.

- ✓ 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)

**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**

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