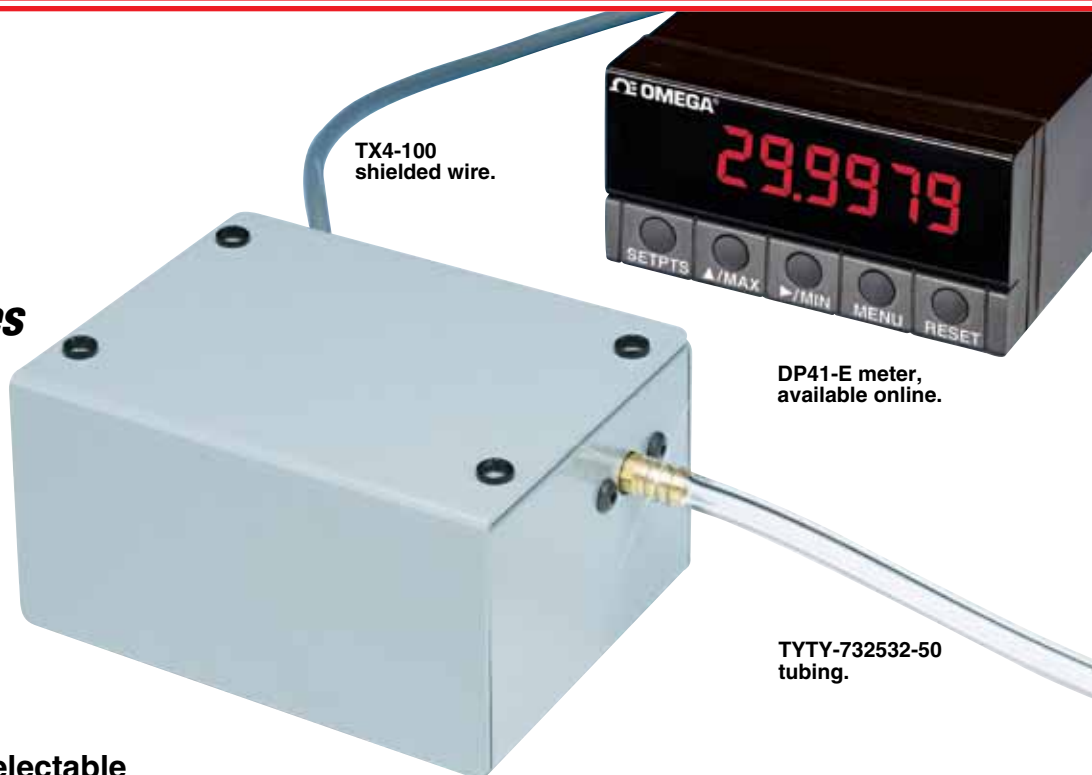


ECONOMICAL VOLTAGE OUTPUT PNEUMATIC PRESSURE TRANSMITTER FOR GAGE PRESSURE AND VACUUM MEASUREMENT

3-15 to 0-30 psi

PX271A Series



TX4-100 shielded wire.

DP41-E meter, available online.

TYTY-732532-50 tubing.

PX271A-030G5V, shown much smaller than actual size.

- ✓ Up to 3 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.

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")

To Order

SELECTABLE RANGES	MODEL NO.	COMPATIBLE METERS*
0 to 30, 0 to 15, 0 to 7.5 psig	PX271A-030G5V	DP41-E, DP25B-E
0 to 20, 0 to 10, 0 to 5 psig	PX271A-020G5V	DP41-E, DP25B-E
3 to 15 psig	PX271A-X15G5V	DP41-E, DPi Series, DP25B-E

Comes complete with operator's manual.

* Visit us online 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 m (50') of flexible plastic tubing.

SPECIFICATIONS

Excitation:

12 to 40 Vdc or 12 to 35 Vac

Output: 0 to 5 or 0 to 10 Vdc (3 wire)

Accuracy: ±1% FS

ACCESSORIES

MODEL NO.	DESCRIPTION
TX4-100	30 m (100') of 4-conductor shielded wire
TYTY-732532-50	15 m (50') of flexible plastic tubing



VOLTAGE OUTPUT
PRESSURE TRANSDUCERS
B