

# MINIATURE VOLTAGE OUTPUT PRESSURE SENSORS FULLY TEMPERATURE COMPENSATED

**PX40 Series**  
0.5 to 4 Vdc Output

All Ranges  
**\$60**



PX40-15G5V,  
\$60, shown  
much larger  
than actual  
size.



- ✓ Smallest Amplified Package
- ✓ Small Lightweight Package
- ✓ Fully Signal Conditioned
- ✓ Temperature Compensated
- ✓ Port Designed for O-Ring Interface
- ✓ Excellent Media Compatibility
- ✓ Wet or Dry Industrial Applications

## Typical Applications

- ✓ Laboratory Equipment
- ✓ Electronic Brake Systems
- ✓ Engine Oil Level
- ✓ Transmission Fluid Level
- ✓ Air Conditioning Systems
- ✓ Industrial Fluid Level

## SPECIFICATIONS

Excitation: 5 Vdc @ 10 mA

Output Source Current: 0.5 mA max

Output Sink Current: 1.0 mA max

Hysteresis and Repeatability: 0.15% FS

Span:            Output:            Linearity:

±50 mmHg    4.00 Vdc typical    0.80%

0 to 15        4.00 ±0.11 Vdc    0.20%

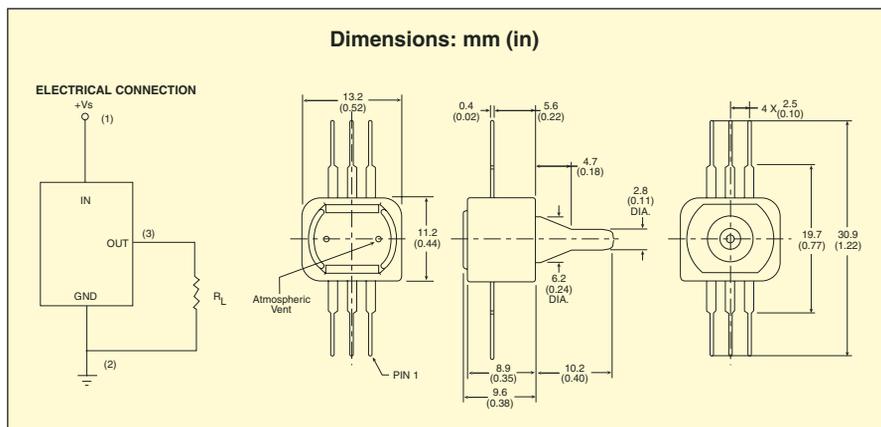
0 to 100      4.00 ±0.09 Vdc    0.10%

Null:

±50 mmHg    2.50 ±0.05 Vdc

0 to 15        0.50 ±0.11 Vdc

0 to 100      0.50 ±0.04 Vdc



**Operating Temp:**  
-45 to 125°C (-49 to 257°F)

**Compensated Temp:**  
-45 to 125°C (-49 to 257°F)

**Overpressure:**  
±50 mmHg            ±170 mmHg  
0 to 15                45 psi  
0 to 100                200 psi

**Response Time:** 1 ms

**Gage Type:** Silicon

**Media Compatibility:** Limited to media that will not attack invar, copper, silicon, stainless steel, glass and solder (i.e., air, water, refrigerants, engine fuel)

**Vent:** Dry gases only

**Weight:** 5 g (0.18 oz)

**ALL MODELS AVAILABLE FOR FAST DELIVERY!**

## To Order (Specify Model Number)

**GAGE MODELS (One Port)**

RANGE	MODEL NO.	PRICE	COMPATIBLE METERS
±50 mmHg    6.7 kPa	PX40-50BH5V	\$60	DP24-E, DP25B-E, DP41-E
0 to 15 psi    0 to 1 bar	PX40-15G5V	60	DP24-E, DP25B-E, DP41-E
0 to 30 psi    0 to 2.1 bar	PX40-030G5V	60	DP24-E, DP25B-E, DP41-E
0 to 100 psi    0 to 6.9 bar	PX40-100G5V	60	DP24-E, DP25B-E, DP41-E

## ACCESSORY

MODEL NO.	PRICE	DESCRIPTION
ES-2272	\$190	Reference Book: Handbook of Heating, Ventilation, and Air Conditioning

Ordering Example: PX40-15G5V, 0 to 15 psi transducer with 0.5 to 4.5 Vdc output, \$60.



#### UNITED STATES

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#### CZECH REPUBLIC

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### • 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

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### • Heaters

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