

ECONOMICAL VERY LOW DP TRANSDUCER WITH BIDIRECTIONAL RANGES

PX2650 Series



- ✓ For Dry Gases
- ✓ Ranges from 0.25 inH₂O to 100 inH₂O
- ✓ For Use in Building Management, HVAC Ducts, or Clean Rooms
- ✓ Works with Unregulated Voltage Source
- ✓ Fully Protected Against Incorrect Wiring



PX2650-1BD5V, shown smaller than actual size.

SPECIFICATIONS

Excitation: 9 to 30 Vdc unregulated
Output Impedance: <100 Ω
Output Span: Set to 5 Vdc ±50 mV
Zero Offset: Set to ±50 mV
Accuracy: ±1% BFSL at constant temperature (includes linearity, repeatability and hysteresis)
Linearity: ±0.98% full scale (typical)
Hysteresis: 0.1% full scale (typical)
Repeatability: ±0.05% full scale
Compensated Temperature Range: -18 to 65°C (0 to 149°F)

Thermal Effects: ±0.06%/°C (±0.033%/°F)
Proof Pressure: ±10 psi, all ranges
Position Effect: Factory calibration with diaphragm vertical

Range	Zero Offset (%FS/G)
0 to 0.5 inH ₂ O	0.6
0 to 1 inH ₂ O	2.2
0 to 5 inH ₂ O	1.4

Sensor: Capacitive

Media: Air or similar non-conducting gases

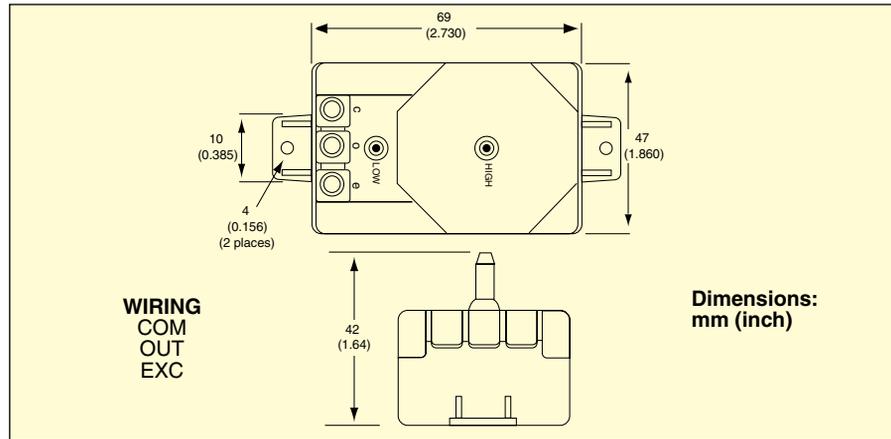
Pressure Port: 3/8" OD pressure fitting for 1/4" tube

Case: Fire-retardant glass-filled polyester

Mounting: 2 tabs with #8 holes

Electrical Connection: Screw terminals

Weight: 85 g (3 oz)



To Order		
CABLE MODEL NO.	RANGE (inH ₂ O)	COMPATIBLE METERS
PX2650-0.5D5V	0 to 0.5	DP41-E, DP25B-E, DP-7700
PX2650-2D5V	0 to 2	DP41-E, DP25B-E, DP-7700
PX2650-10D5V	0 to 10	DP41-E, DP25B-E, DP-7700
PX2650-25D5V	0 to 25	DP41-E, DP25B-E, DP-7700
PX2650-50D5V	0 to 50	DP41-E, DP25B-E, DP-7700
PX2650-100D5V	0 to 100	DP41-E, DP25B-E, DP-7700
PX2650-0.25BD5V	±0.25	DP41-E, DP25B-E, DP-7700
PX2650-1BD5V	±1	DP41-E, DP25B-E, DP-7700
PX2650-2BD5V	±2	DP41-E, DP25B-E, DP-7700
PX2650-5BD5V	±5	DP41-E, DP25B-E, DP-7700
PX2650-10BD5V	±10	DP41-E, DP25B-E, DP-7700
PX2650-25BD5V	±25	DP41-E, DP25B-E, DP-7700
PX2650-50BD5V	±50	DP41-E, DP25B-E, DP-7700

Comes complete with operator's manual.

Ordering Examples: PX2650-0.5D5V, differential pressure transducer with range of 0 to 0.5 inH₂O and 0 to 5V output.

PX2650-2D5V, differential pressure transducer with range of 0 to 2 inH₂O and 0 to 5V output.

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