

HIGHLY ACCURATE, LOW-PRESSURE LABORATORY TRANSMITTER

PX655 Series
 0-0.1 to 0-50 inH₂O
 0-25 Pa to 0-1.25 kPa

Starts at
\$395



DIFFERENTIAL PRESSURE TRANSDUCERS
B

PX655-01DI, \$395, with DP3002-E meter, \$285, shown smaller than actual size, see section D.

Ideal Applications:

- ✓ Clean Rooms
- ✓ HVAC
- ✓ Fume Hoods
- ✓ Laboratory Monitoring

SPECIFICATIONS

Excitation: 12 to 36 Vdc
Output: 4 to 20 mA (2 wire)
Linearity: 0.3% FS (BFSL)
Hysteresis: 0.02% FS
Repeatability: 0.05% FS
Operating Temp: -29 to 72°C (-20 to 160°F)
Compensated Temp: 2 to 57°C (35 to 135°F)
Thermal Effects:
 Zero: 0.015% FS/°F
 Span: 0.015% rdg/°F
Proof Pressure: 15 psi
Burst Pressure: 20 psi
Static Pressure: 25 psi
Gage Type: Capacitance
Max Loop Resistance:
 (Supply voltage – 12) x 50 Ω
Calibration Report: NIST cal at 25, 50, 75 and 100% FS; upscale and downscale provided
Response Time: 250 ms
Wetted Parts: Dry, clean, non-corrosive gases only
Enclosure: NEMA 2 (IP62), 107 H x 117 W x 53 mm D (4.2 x 4.6 x 2.1")
Pressure Port: ¼ barbed fittings (tubing TY-316-100)
Electrical Conn.: Screw terminal
Weight: 368 g (13 oz)

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

RANGE		MODEL NO.	PRICE	COMPATIBLE METERS*
inH ₂ O	Pa/kPa			
0 to 0.1	0 to 25	PX655-0.1DI	\$495	DP25B-E, DP41-E, DP460-E
0 to 0.25	0 to 62	PX655-0.25DI	620	DP25B-E, DP41-E, DP460-E
0 to 0.50	0 to 125	PX655-0.5DI	425	DP25B-E, DP41-E, DP460-E
0 to 0.75	0 to 187	PX655-0.75DI	395	DP25B-E, DP41-E, DP460-E
0 to 1	0 to 249	PX655-01DI	395	DP25B-E, DP41-E, DP3002-E
0 to 1.5	0 to 374	PX655-01.5DI	395	DP25B-E, DP41-E, DP3002-E
0 to 2	0 to 498	PX655-02DI	395	DP25B-E, DP41-E, DP460-E
0 to 3	0 to 748	PX655-03DI	395	DP25B-E, DP41-E, DP460-E
0 to 5	0 to 1.25	PX655-05DI	395	DP25B-E, DP41-E, DP460-E
0 to 10	0 to 2.49	PX655-10DI	395	DP25B-E, DP41-E, DP3002-E
0 to 25	0 to 6.23	PX655-25DI	395	DP25B-E, DP41-E, DP460-E
0 to 50	0 to 12.5	PX655-50DI	395	DP25B-E, DP41-E, DP460-E
BIDIRECTIONAL RANGES				
±0.1	25	PX655-0.1BDI	\$455	DP25B-E, DP41-E, DP460-E
±0.25	62	PX655-0.25BDI	425	DP25B-E, DP41-E, DP460-E
±0.50	125	PX655-0.5BDI	395	DP25B-E, DP41-E, DP460-E
±1	249	PX655-01BDI	395	DP25B-E, DP41-E, DP460-E
±2.5	623	PX655-2.5BDI	395	DP25B-E, DP41-E, DP460-E
±5	1.25	PX655-05BDI	395	DP25B-E, DP41-E, DP460-E
±10	2.49	PX655-10BDI	395	DP25B-E, DP41-E, DP460-E
±25	6.23	PX655-25BDI	395	DP25B-E, DP41-E, DP460-E
±50	12.5	PX655-50BDI	395	DP25B-E, DP41-E, DP460-E

Comes with complete operator's manual.

* See section D for compatible meters.

Ordering Example: PX655-01DI, 0 to 1 inH₂O low-pressure differential pressure transmitter, \$395.

ACCESSORY

MODEL NO.	PRICE	DESCRIPTION
OP-6	\$340	Reference Book: Fundamentals of Temperature, Pressure, and Air Flow Measurement





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1-800-TC-OMEGA
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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

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• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 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, Strain Gages, 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