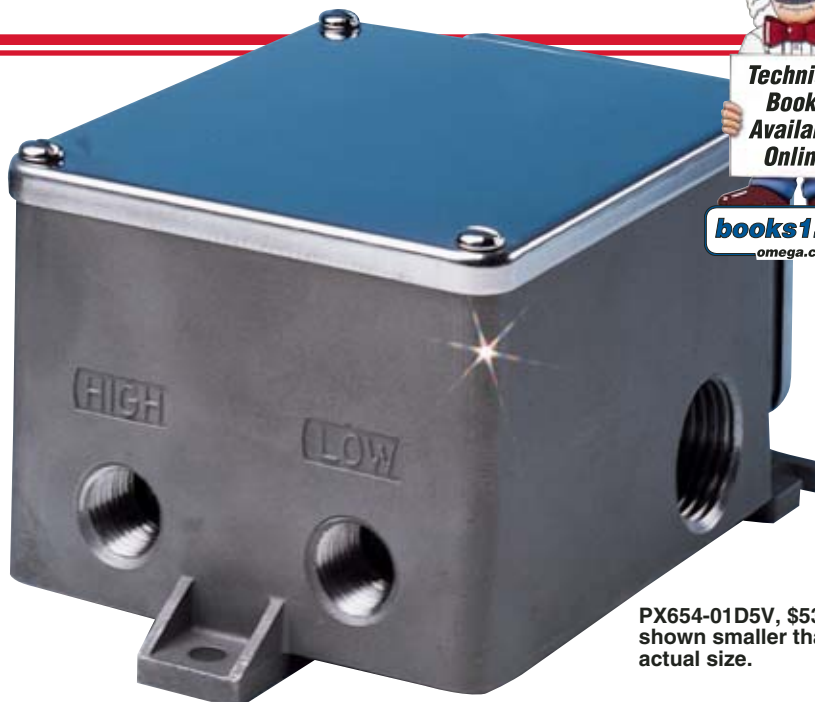


HIGHLY ACCURATE, LOW-PRESSURE INDUSTRIAL TRANSDUCER

PX654 Series
0-0.1 to 0-200 inH₂O
0-25 Pa to 0-50 kPa

Starts at
\$530



PX654-01D5V, \$530, shown smaller than actual size.

Ideal Applications:

- ✓ Boiler Inlet Air Systems
- ✓ HVAC
- ✓ Industrial Fume Hoods
- ✓ Level Control

SPECIFICATIONS

Excitation: 12 to 36 Vdc
Output: 1 to 5 Vdc
Linearity: 0.3% FS (BFSL)
Hysteresis: 0.02% FS
Repeatability: 0.05% FS
Operating Temp: -29 to 85°C (-20 to 185°F)
Compensated Temp: -18 to 72°C (35 to 160°F)
Thermal Effects:
 Zero: 0.015% FS/°F
 Span: 0.015% FS/°F
Proof Pressure: 10 psi
Burst Pressure: 50 psi
Static Pressure: 100 psi
Gage Type: Capacitance
Supply Current: <5 mA
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 4X (IP65), 137 L x 76 W x 64 mm D (5.4 x 3 x 2.5")
Pressure Port: ¼ NPTF
Electrical Connections: Screw terminal (two ½ NPTF conduit)
Weight: 955 g (2.1 lb)

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	PX654-0.1D5V	\$630	DP25B-E, DP41-E, DP460-E
0 to 0.25	0 to 62	PX654-0.25D5V	590	DP25B-E, DP41-E, DP460-E
0 to 0.50	0 to 125	PX654-0.5D5V	560	DP25B-E, DP41-E, DP460-E
0 to 1	0 to 249	PX654-01D5V	530	DP25B-E, DP41-E, DP460-E
0 to 2	0 to 498	PX654-02D5V	530	DP25B-E, DP41-E, DP460-E
0 to 3	0 to 748	PX654-03D5V	530	DP25B-E, DP41-E, DP460-E
0 to 5	0 to 1.25	PX654-05D5V	530	DP25B-E, DP41-E, DP460-E
0 to 10	0 to 2.49	PX654-10D5V	530	DP25B-E, DP41-E, DP460-E
0 to 25	0 to 6.23	PX654-25D5V	530	DP25B-E, DP41-E, DP460-E
0 to 50	0 to 12.5	PX654-50D5V	530	DP25B-E, DP41-E, DP460-E
0 to 100	0 to 24.9	PX654-100D5V	530	DP25B-E, DP41-E, DP460-E
0 to 200	0 to 49.8	PX654-200D5V	530	DP25B-E, DP41-E, DP460-E
BI-DIRECTIONAL RANGES				
±0.05	12	PX654-0.05BD5V	\$630	DP25B-E, DP41-E, DP460-E
±0.1	25	PX654-0.1BD5V	630	DP25B-E, DP41-E, DP460-E
±0.25	62	PX654-0.25BD5V	560	DP25B-E, DP41-E, DP460-E
±0.50	125	PX654-0.5BD5V	530	DP25B-E, DP41-E, DP460-E
±1	249	PX654-01BD5V	530	DP25B-E, DP41-E, DP460-E
±2.5	623	PX654-2.5BD5V	530	DP25B-E, DP41-E, DP460-E
±5	1.25	PX654-05BD5V	530	DP25B-E, DP41-E, DP460-E
±10	2.49	PX654-10BD5V	530	DP25B-E, DP41-E, DP460-E
±25	6.23	PX654-25BD5V	530	DP25B-E, DP41-E, DP460-E
±50	12.5	PX654-50BD5V	530	DP25B-E, DP41-E, DP460-E
±100	24.9	PX654-100BD5V	530	DP25B-E, DP41-E, DP460-E

Comes with complete operator's manual.

* See section D for compatible meters.

Ordering Example: PX654-01D5V, 0 to 1 inH₂O differential sensor, \$530.

ACCESSORY

MODEL NO.	PRICE	DESCRIPTION
EE-2584	\$220	Reference Book: Process Plant Instrumentation



UNITED STATES

www.omega.com
1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca
Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de
Deckenpfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk
Manchester, England
0800-488-488

FRANCE

www.omega.fr
Guyancourt, France
088-466-342

CZECH REPUBLIC

www.omegaeng.cz
Karviná, Czech Republic
596-311-899

BENELUX

www.omega.nl
Amstelveen, NL
0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

• 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

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• 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