

# GENERAL PURPOSE INDUSTRIAL PRESSURE TRANSDUCER

## 7/16-20 UNF THREAD

PX35  
£ **241**  
Model Shown

### PX35 Series mV/V Output

0-15 to 0-30,000 psi  
0-1 to 0-2000 bar

1 bar = 14.5 psi  
1 kg/cm<sup>2</sup> = 14.22 psi  
1 Atmosphere = 14.7 psi = 29.93 in-Hg = 760.2 mm-Hg = 1.014 bar

- ✓ FM Approved Intrinsicly Safe
- ✓ All Stainless Steel Construction
- ✓ High Operating Temperature 149°C (300°F)
- ✓ Hermetically Sealed for Harsh Environments
- ✓ Available in Vented Gage, Sealed Gage or Absolute Pressure Models

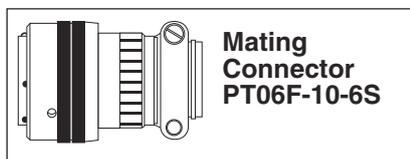
OMEGA's PX35 Transducer Series is a rugged, general purpose 30 millivolt output, industrial pressure transducer. It has a hermetically sealed, all stainless steel case which makes it suitable for the harsh conditions found in industry. The PX35 is available in gage, absolute or sealed gage models. A Bendix style connector is standard, or a 10 ft cable is also available.

### SPECIFICATIONS:

**Excitation:** 10 V ac/dc (15V max)

**Output:** 3 mV/V ±10%

**Accuracy:** 0.25% includes linearity, hysteresis and repeatability



Mating  
Connector  
PT06F-10-6S



Model PX35K1-1KGV  
Shown Actual Size

### To Order: (Specify Model Number)

Models with 7/16-20 Pressure Connection and Bendix Style Connector

RANGE (PSI)	MODEL NUMBER	PRICE	COMPATIBLE METERS
<b>Absolute Pressure (All Ranges Available in Absolute Pressure)</b>			
0 to 30	PX35K1-030AV	£241	DP41-S, DP25-S
0 to 50	PX35K1-050AV	241	DP41-S, DP25-S
<b>Gage Pressure (All Ranges Also Available in Sealed Gage Pressure)</b>			
0 to 20	PX35K1-020GV	241	DP41-S, DP25-S
0 to 30	PX35K1-030GV	241	DP41-S, DP25-S
0 to 50	PX35K1-050GV	241	DP41-S, DP25-S
0 to 100	PX35K1-100GV	241	DP41-S, DP25-S
0 to 200	PX35K1-200GV	241	DP41-S, DP25-S
0 to 300	PX35K1-300GV	241	DP41-S, DP25-S
0 to 500	PX35K1-500GV	241	DP41-S, DP25-S
0 to 1,000	PX35K1-1KGV	241	DP41-S, DP25-S
0 to 2,000	PX35K1-2KGV	285	DP41-S, DP25-S
0 to 3,000	PX35K1-3KGV	285	DP41-S, DP25-S
0 to 5,000	PX35K1-5KGV	285	DP41-S, DP25-S
0 to 10,000*	PX35S1-10KGV	298	DP41-S, DP25-S
0 to 15,000*	PX35S1-15KGV	298	DP41-S, DP25-S**
0 to 20,000*	PX35S1-20KGV	298	DP41-S, DP25-S**
0 to 30,000*	PX35S1-30KGV	298	DP41-S, DP25-S**

\* 7/16-18, 1/4" HP Tube Connection

\*\* 4 Digit meter, counts in increments of 10

Metric Ranges Available - Consult Engineering

To order Absolute Pressure replace the "G" in model number with "A" (no extra charge).  
To order Sealed Gage units replace "G" in model number with "S" (no extra charge).

**Ordering Examples: Mating Connector: (not included) PT06F10-6S**

1.) PX35K1-300GV is a 300 psi gage pressure transducer

2.) PX35S1-15KGV is a 15,000 psi gage pressure transducer with 7/16-18, 1/4" HP Tube Connection



MILLIVOLT OUTPUT  
PRESSURE TRANSDUCERS

**B**





#### UNITED STATES

[www.omega.com](http://www.omega.com)

1-800-TC-OMEGA

Stamford, CT.

#### CANADA

[www.omega.ca](http://www.omega.ca)

Laval(Quebec)

1-800-TC-OMEGA

#### GERMANY

[www.omega.de](http://www.omega.de)

Deckenpfronn, Germany

0800-8266342

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)

Manchester, England

0800-488-488

#### FRANCE

[www.omega.fr](http://www.omega.fr)

088-466-342

#### CZECH REPUBLIC

[www.omegaeng.cz](http://www.omegaeng.cz)

Karviná, Czech Republic

596-311-899

#### BENELUX

[www.omega.nl](http://www.omega.nl)

0800-099-33-44



## More than 100,000 Products Available!

### • Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, 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, Thermocouple Wire, RTD Probes

### • 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, Pressure Transmitters, Strain Gauges, 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