

*Interchangeable with
Model TH-LVA-FL*

HIGH PRESSURE FLUSH DIAPHRAGM TRANSMITTER

\$530

Model Shown

PX44 Series
4-20 mA Output

0-500 to 0-5000 psi
0-35 to 0-350 bar

1 bar = 14.5 psi
1 kg/cm² = 14.22 psi
1 Atmosphere = 14.7 psi = 29.93 in-Hg = 760.2 mm-Hg = 1.014 bar

- ☑ **Stainless Steel Construction**
- ☑ **Food Processing or Industrial Applications**
- ☑ **High Pressure Flush Diaphragm for Measurement of Difficult Fluids**
- ☑ **10 ft (3m) Cable with Conduit Connection for Installation in Harsh Environments**
- ☑ **Heavy Duty 1/2" NPT Fitting**
- ☑ **4-20 mA Output for Noise Free Transmission**

The OMEGADYNE™ PX44 Series is a high accuracy, current output, industrial pressure transmitter with a high pressure flush diaphragm for use with high pressure industrial fluids and slurries. Their hermetically sealed, all stainless steel construction makes them suitable for the harshest industrial

**For Sales and Service
In U.S.A. and Canada**

1-800-872-3963
1-800-USA-DYNE

International Customers Dial
(614) 965-9340
24-Hour FAX (614) 965-9438

OMEGADYNESM FAX

OMEGADYNE's 24-Hour
On-Line Publishing Service

1-800-344-3963
1-800-DIG-DYNE

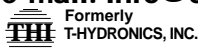
Document # 3685

OMEGADYNE, Inc.

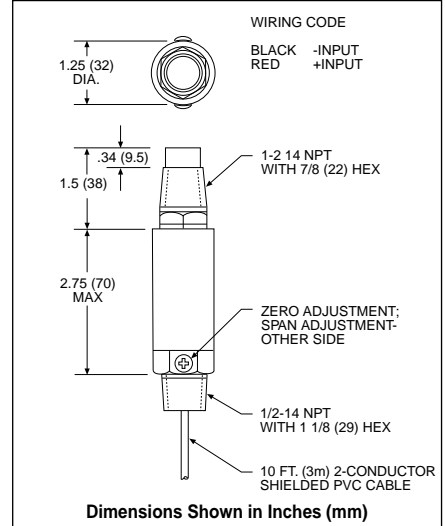
149 Stelzer Court, Sunbury, OH 43074

<http://www.omegadyne.com>

e-mail: info@omegadyne.com



Model PX44E0-500GI
Shown Smaller than Actual Size



environments. Ten feet of two-conductor shielded cable is standard with a second 1/2" NPT fitting on the body for conduit installation. Pressure ranges from 0-500 up to 5000 psi are available to cover most industrial applications.

SPECIFICATIONS:

Electrical:

Excitation: 10 to 40 Vdc

Output: 4-20 mA ±10% adj

Zero Balance: 4 mA +10% -2% adj

Performance:

Accuracy Class: 0.25% Linearity, Hysteresis, and Repeatability Combined

Environmental:

Operational Temp Range:

-46 to +121°C (-50 to +250°F)

Compensated Temp Range:
16 to 71°C (60 to 160°F)

Thermal Effects:
Span: 0.003% of Rdg/°F
Zero: 0.0045% of FSO/°F

Pressure:

Proof Pressure:
150% of rated pressure

Burst Pressure:
300% of rated pressure

Mechanical:

Wetted Parts: 17-4PH with 316 Stainless Steel Diaphragm

Pressure Port: 1/2"-14 NPT Male

Electrical Connection: 10 ft (3m) 2-conductor shielded PVC cable with 1/2"-14 NPT fitting

► **Most Popular Models Highlighted** ◀

Prices Shown in U.S. Dollars

To Order: (Specify Model Number)			
Range (psi)	Model Number	Price	Compatible Meters
Gage Pressure (All Ranges Available in Sealed or Absolute Pressure)			
0-500	PX44E0-500GI	\$530	INFP, INFPCP, IDP
0-1000	PX44E0-1KGI	530	INFP, INFPCP, IDP
0-1500	PX44E0-1.5KGI	530	INFP, INFPCP, IDP
0-2000	PX44E0-2KGI	530	INFP, INFPCP, IDP
0-2500	PX44E0-2.5KGI	530	INFP, INFPCP, IDP
0-3000	PX44E0-3KGI	530	INFP, INFPCP, IDP
0-5000	PX44E0-5KGI	530	INFP, INFPCP, IDP

Interchangeable with Model TH-LVA-FL

Metric Ranges Available - Consult Engineering

To Order Sealed Gage replace "G" in model number with an "S".

To Order Absolute replace "G" in model number with an "A".

Ordering Examples: 1.) PX44E0-1KAI is a 1000 psi Absolute Pressure transducer with Stainless Steel wetted parts, 10 ft (3m) cable and 4-20 mA output, **\$530.** **2.) PX44E0-500SI** is a 500 psi Sealed Gage Pressure transducer with Stainless Steel wetted parts, 10 ft (3m) cable and 4-20 mA output, **\$530.**

