

SPEC SHEET
PX11

*Interchangeable with
Model TH-FDP1*

MINIATURE CORROSION RESISTANT TRANSDUCER

\$450

Model Shown

**PX11 Series
mV/V Output**

**0-100 to 0-1500 psi
0-7 to 0-100 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

- ☑ Monel Wetted Parts
- ☑ Chemical Processing or Industrial Applications
- ☑ Miniature Design for Applications Where Space is a Premium
- ☑ Rugged Heavy Duty Design

The OMEGADYNE™ PX11 Series is a high accuracy, miniature, mV output, industrial pressure transducer with heavy duty Monel wetted parts for use with industrial fluids and chemically aggressive environments. The hermetically sealed construction makes the PX11 suitable for the harshest industrial environments. A sealed PT02A-8-4P connector provides quick, environmentally protected wiring connections. Pressure

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

**1-800-872-3963SM
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

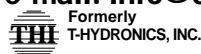
**1-800-344-3963SM
1-800-DIG-DYNE**

Document # 3686

OMEGADYNE, Inc.

149 Stelzer Court, Sunbury, OH 43074
<http://www.omegadyne.com>

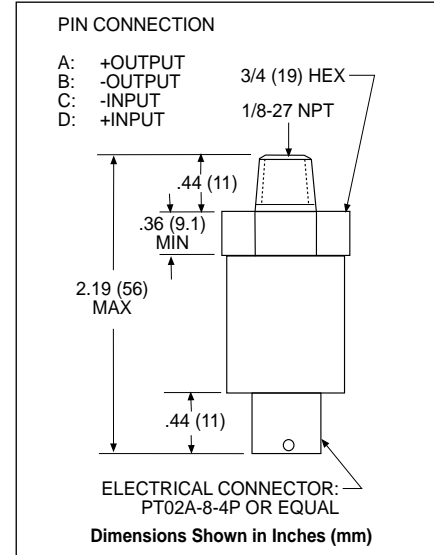
e-mail: info@omegadyne.com



© COPYRIGHT 1996 OMEGADYNE, INC. ALL RIGHTS RESERVED.



Model PX11A2-100GV \$450
Shown Actual Size



Ranges from 0-100 up to 1500 psi cover many industrial processing applications.

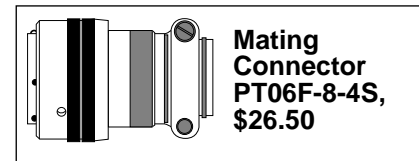
SPECIFICATIONS:

- Electrical:**
- Excitation:** 5 Vdc (10 Vdc max)
- Output:** 1 mV/V
- Zero Balance:** ±1% FSO
- Input Resistance:** 360 Ohm Min.
- Output Resistance:** 350 ±5 Ohms
- Performance:**
- Accuracy:** ±1.0% Linearity and Hysteresis combined
- Repeatability:** ±0.1% FSO
- Environmental:**
- Operational Temp Range:** -54 to 149°C (-65 to 300°F)
- Compensated Temp Range:** -18 to 66°C (0 to 150°F)

Thermal Effects: 0.02% of FSO/°F
Span and Zero combined

Pressure:

- Ranges (psig):** 100, 500, 1000, 1500
- Proof Pressure:** 150% of rated pressure
- Burst Pressure:** 300% of rated pressure
- Wetted Parts:** Monel
- Pressure Port:** 1/8-27 NPT Male
- Electrical Connection:** PT02A-8-4P (or equal)
- Mating Connector:** PT06F-8-4S (not included)



► **Most Popular Models Highlighted** ◀

Prices Shown in U.S. Dollars

To Order: (Specify Model Number)			
Range (psig)	Model Number	Price	Compatible Meters
0-100	PX11A2-100GV	\$450	INFS, INFCS
0-500	PX11A2-500GV	450	INFS, INFCS
0-1000	PX11A2-1KGV	450	INFS, INFCS
0-1500	PX11A2-1.5KGV	450	INFS, INFCS

Interchangeable with Model TH-FDP1

Metric Ranges Available -Consult Engineering

Ordering Examples: 1.) **PX11A2-500GV** is a 500 psi Gage Pressure transducer with MONEL wetted parts, **PT02A-8-4P** connector and mV/V output, **\$450**. Mating Connector **PT06F-8-4S** (not included) **\$26.50**.

2.) **PX11A2-1.5KGV** is a 1,500 psi Gage Pressure transducer with MONEL wetted parts, **PT02A-8-4P** connector and mV/V output, **\$450**. Mating Connector **PT06F-8-4S** (not included) **\$26.50**.

Printed On Recycled Paper

