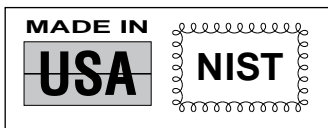




\$455
Model Shown



Interchangeable with
Model TH-FDV1

SPEC SHEET
PX101

SMALL FLUSH DIAPHRAGM TRANSDUCER With Amplified Voltage Output

PX101 Series
0.5 to 10.5 Vdc Output
0-500 to 0-6,000 psi
0-35 to 0-400 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

- ☑ All Stainless Steel
- ☑ Amplified Voltage Output
- ☑ Small Flush Diaphragm for Hard-to-Measure Fluids
- ☑ Ideal for Tank and Industrial Applications

The OMEGADYNE™ PX101 Series Voltage output transducers feature a rugged all stainless steel case and a high reliability 10V amplified output. Designed for use in critical applications in waste water management, chemical manufacturing, water processing, and industrial applications where a non-plugging flush diaphragm is needed.

SPECIFICATIONS:

Electrical:
Excitation: 16 to 32 Vdc
Output: 0.5 to 10.5 Vdc
Zero Balance: 0.5 V ±0.1 V
Performance:
Accuracy Class: 0.25% Linearity, Hysteresis and Repeatability Combined.
Sensing Element: 4 active arm bridge with hermetically sealed thick film strain gages.

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

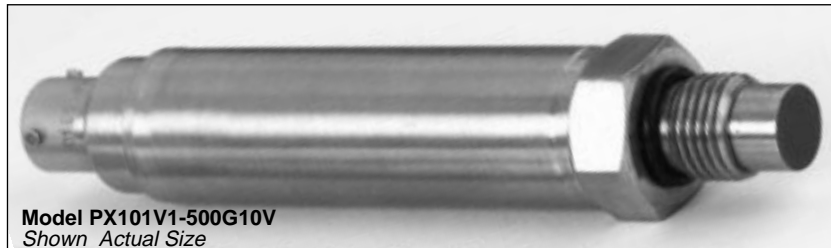
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1-800-DIG-DYNE
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OMEGADYNE, Inc.

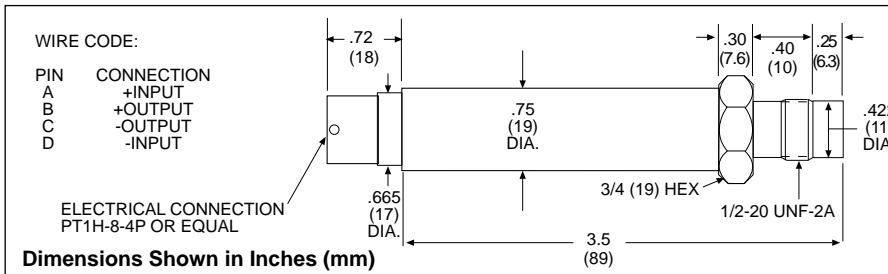
149 Stelzer Court, Sunbury, OH 43074
<http://www.omegadyne.com>
e-mail: info@omegadyne.com

Formerly
THI T-HYDRONICS, INC.

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Model PX101V1-500G10V
Shown Actual Size



Environmental:

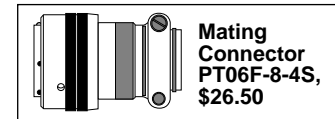
Operating Temp Range:
-54 to +93°C (-65 to +200°F)
Compensated Temp Range:
+16 to +71°C (+60 to +160°F)
Thermal Effects:
Span: 0.01% Rdg/°F
Zero: 0.01% FSO/°F

Pressure:

Ranges (psi): 500, 1K, 2K, 3K, 5K, 6K
Gage, Sealed Gage or Absolute - Metric
Ranges also Available
Proof Pressure: 150% of rated capacity
Burst Pressure: 300% of rated capacity

Mechanical:

Wetted Parts: 17-4 PH Stainless Steel
Pressure Port: Flush Diaphragm
Electrical Connection: PT1H-8-4P
(or equal)
Optional: 10 ft (3m) 4-conductor
shielded PVC cable
Mating Connector: PT06F-8-4S
(not included)



► Most Popular Models Highlighted ◀

Prices Shown in U.S. Dollars

To Order: (Specify Model Number)			
Range (psi)	Model Number	Price	Compatible Meters
Absolute Pressure (All Ranges Available in Absolute Pressure)			
0-500	PX101V1-500A10V	\$455	INFP, INFCP, IDP
0-1000	PX101V1-1KA10V	455	INFP, INFCP, IDP
0-2000	PX101V1-2KA10V	455	INFP, INFCP, IDP
0-3000	PX101V1-3KA10V	455	INFP, INFCP, IDP
0-5000	PX101V1-5KA10V	455	INFP, INFCP, IDP
0-6000	PX101V1-6K10V	455	INFP, INFCP, IDP
Gage Pressure (All Ranges Also Available in Sealed Gage Pressure)			
0-500	PX101V1-500G10V	455	INFP, INFCP, IDP
0-1000	PX101V1-1KG10V	455	INFP, INFCP, IDP
0-2000	PX101V1-2KG10V	455	INFP, INFCP, IDP
0-3000	PX101V1-3KG10V	455	INFP, INFCP, IDP
0-5000	PX101V1-5KG10V	455	INFP, INFCP, IDP
0-6000	PX101V1-6KG10V	455	INFP, INFCP, IDP

Interchangeable with Model TH-FDV1

Metric Ranges Available - Consult Engineering

To order Sealed Gage Pressure models, change "G" in the part number to an "S", no charge.

Ordering Examples: 1.) PX101V1-500G10V is a 500 psi Gage Pressure transducer, \$455.
2.) PX101V1-500A10V is a 500 psi Absolute Pressure transducer, \$455.
3.) PX101V1-2KS10V is a 2000 psi Sealed Gage Pressure transducer, \$455.

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