

SPEC SHEET
PX22-5V

Interchangeable with
Model TH-2MV

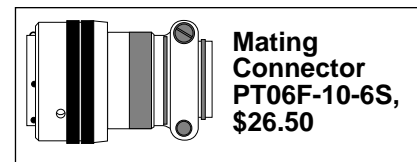
SANITARY FLANGE TRANSDUCERS

2" Tri-Clover Style High Temperature

\$705
Model Shown

PX22 Series
0-5 Vdc Output
0-10 to 1,000 psi
0-800 mbar to 70 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



**Mating
Connector
PT06F-10-6S,
\$26.50**

Model PX22U1-025S5T
Shown Smaller than Actual Size

- ☑ **FM and CSA Approved**
Intrinsically Safe
- ☑ **All Stainless Steel**
Construction
- ☑ **High Temperature Operation**
121°C (250°F)
- ☑ **Hermetically Sealed for Harsh**
Environments
- ☑ **Available in Gage, Sealed**
Gage or Absolute Pressure
Models
- ☑ **Also Available with 1½" and ¾"**
Tri-Clover Fitting

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

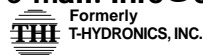
OMEGADYNESM FAX

OMEGADYNE's 24-Hour
On-Line Publishing Service

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

Document # 3670

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



© COPYRIGHT 1996 OMEGADYNE, INC. ALL RIGHTS RESERVED.

➔ **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)			
0-10	PX22U1-010A5T	\$705	INFP, INFCP, IDP
0-15	PX22U1-015A5T	705	INFP, INFCP, IDP
0-20	PX22U1-020A5T	705	INFP, INFCP, IDP
0-25	PX22U1-025A5T	705	INFP, INFCP, IDP
0-30	PX22U1-030A5T	705	INFP, INFCP, IDP
0-50	PX22U1-050A5T	705	INFP, INFCP, IDP
Sealed Gage Pressure (All Ranges Also Available in Gage Pressure)			
0-10	PX22U1-010S5T	705	INFP, INFCP, IDP
0-15	PX22U1-015S5T	705	INFP, INFCP, IDP
0-20	PX22U1-020S5T	705	INFP, INFCP, IDP
0-25	PX22U1-025S5T	705	INFP, INFCP, IDP
0-50	PX22U1-050S5T	705	INFP, INFCP, IDP
0-75	PX22U1-075S5T	705	INFP, INFCP, IDP
0-100	PX22U1-100S5T	705	INFP, INFCP, IDP
0-200	PX22U1-200S5T	705	INFP, INFCP, IDP
0-300	PX22U1-300S5T	705	INFP, INFCP, IDP
0-500	PX22U1-500S5T	705	INFP, INFCP, IDP
0-750	PX22U1-750S5T	705	INFP, INFCP, IDP
0-1,000	PX22U1-1KS5T	705	INFP, INFCP, IDP

Interchangeable with Model TH-2MV

Metric Ranges Available - Consult Engineering

To order Gage Pressure replace the "S" in the model number with a "G".

To order Absolute Pressure replace the "S" in the model number with a "A".

Ordering Examples: 1.) PX22U1-300G5T is a 300 psi Gage Pressure model with 0-5 Vdc output, \$705.

2.) PX22U1-025A5T is a 25 psi Absolute Pressure model with 0-5 Vdc output, \$705.

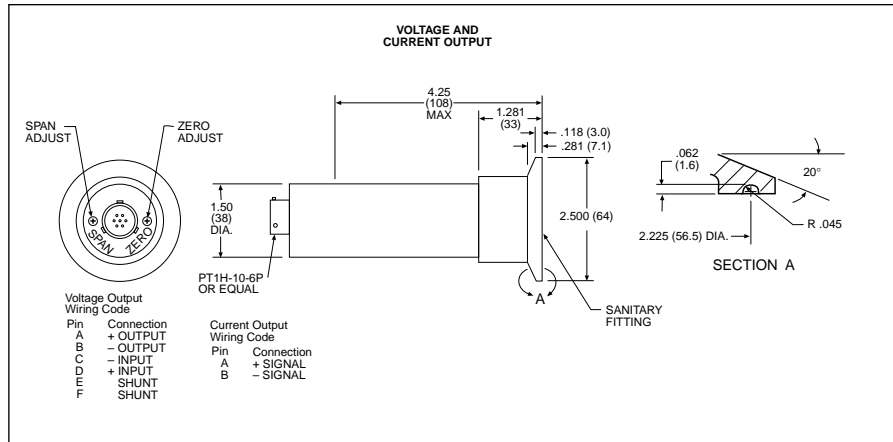
Printed On Recycled Paper



Easy to take apart and clean in sanitary applications

The OMEGADYNE™ PX22 series is a rugged, 2" Tri-Clover transducer for use in sanitary, pharmaceutical and food processing applications. The PX22 with 0-5 Vdc output has high operating and compensated temperature rating making it ideal for use in high temperature industrial and processing applications. The hermetically sealed case and all stainless steel construction makes it suitable for the harshest wet environments.

The PX22 is available in Gage, Sealed Gage or Absolute models. A Bendix style connector is standard.



SPECIFICATIONS: 5V Output

Electrical:

Excitation: 24-32 Vdc

Output: 0-5 Vdc $\pm 10\%$ adj.

Zero Balance: 0V $\pm 10\%$ adj.

Agency Approvals: FM/CSA

Intrinsically safe IS/1.11.111/1/CDEFG

Performance:

Accuracy Class: 0.15%

Linearity: $\pm 0.15\%$ of FSO

Hysteresis: $\pm 0.05\%$ of FSO

Repeatability: $\pm 0.05\%$ of FSO

Environmental:

Operational Temp Range:
-46 to +121°C (-50 to +250°F)

Compensated Temp Range:
+17 to +121°C (+70 to +250°F)

Thermal Effects:

Span: 0.003% Rdg/°F

Zero: 0025% FSO/°F

Pressure:

Proof Pressure:

150% of rated pressure

Burst Pressure:

300% of rated pressure

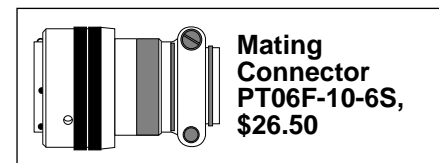
Wetted Parts: 316 Stainless Steel

Pressure Port: 2" Tri-clover fitting

Electrical Connection: PH1H-10-6P (or equal)

Optional: 10 ft (3m) 4-conductor PVC cable

Mating Connector: PT06A-10-6S(SR) (not included)



OMEGADYNE TRI-CLOVER SERIES



Look for OMEGADYNE Products on the World Wide Web!

<http://www.omegadyne.com>
e-mail: info@omegadyne.com