

SPEC SHEET
PX22-I

Interchangeable with
Model TH-2MVA

SANITARY FLANGE TRANSDUCERS

2" Tri-Clover Style High Temperature

\$705
Model Shown

PX22 Series
4-20 mA 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

- ☑ **FM and CSA Approved**
Intrinsically Safe - Standard
- ☑ **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

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

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

OMEGADYNESM FAX

OMEGADYNE's 24-Hour
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1-800-344-3963
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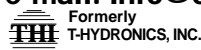
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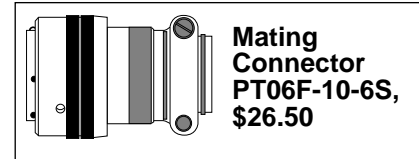
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Model PX22U1-100SI \$650
Shown Smaller than Actual Size

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

Interchangeable with Model TH-2MVA 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.) **PX22U1-300GI** is a 300 psi Gage Pressure model with 4-20 mA output, **\$705**.

2.) **PX22U1-025AI** is a 25 psi Absolute Pressure model with 4-20 mA 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 4-20 mA output has very high operating and compensated temperature ratings 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: 4-20 mA Output

Electrical:

Excitation: 10-40 Vdc

Output: 4-20 mA

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

Agency Approvals: FM/CSA

Intrinsically safe IS/1.11.111/1/CDEFG

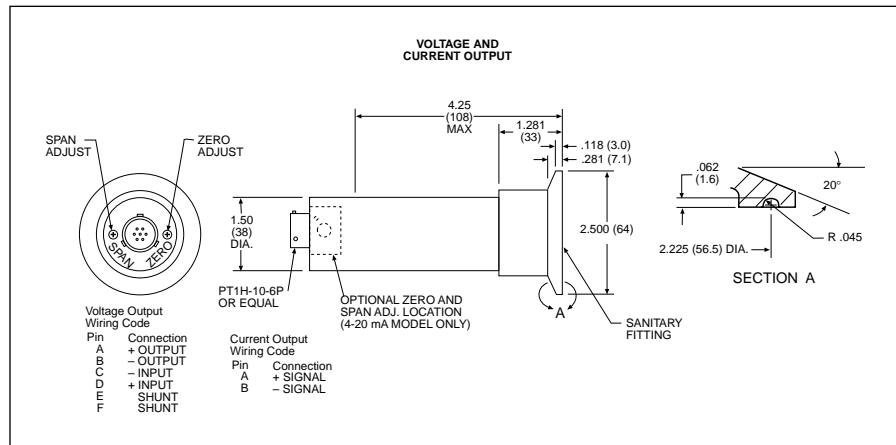
Performance:

Accuracy Class: 0.15%

Linearity: ±0.15% of FSO

Hysteresis: ±0.05% of FSO

Repeatability: ±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: 0.025% FSO/°F

Pressure:

Proof Pressure:

150% of rated pressure

Burst Pressure:

300% of rated pressure

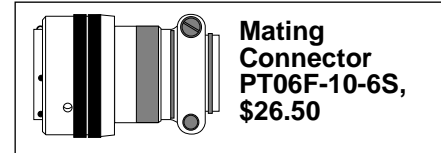
Wetted Parts: 316 Stainless Steel

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 (not included)



OMEGADYNE TRI-CLOVER SERIES



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