



**PX79 Series**  
**4-20 mA Output**

**0-1 to 0-10 psi**  
**0-70 mbar to 0-700 mbar**

**Notice:** OMEGADYNE does not offer a warranty on this product, it's use or application. It is the end user's responsibility to assure proper installation and use of this transducer.

- ☑ All Stainless Steel Casing/ Inconel Housing
- ☑ Hermetically Sealed Housing
- ☑ Protective Cap Included
- ☑ 50 ft Vented Cable Standard

The OMEGADYNE™ PX79 Series transmitters are submersible low pressure transducers suitable for liquid level and depth measurement. Their stainless steel housing and Inconel diaphragm makes them suitable for immersion in most industrial fluids. A 50 foot (15.2m) vented cable, longer lengths available, provides an atmospheric reference.

**SPECIFICATIONS:**

**Electrical:**  
**Excitation:** 10-40 Vdc  
**Output:** 4-20 mA  
**Max Loop Resistance:** (Input Voltage -10) x 50  
**Zero Balance:** 4 mA ±0.2mA

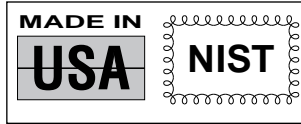
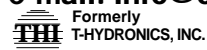
**For Sales and Service**  
**In U.S.A. and Canada**

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

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

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Interchangeable with  
**Model TH-LVAG-LD**

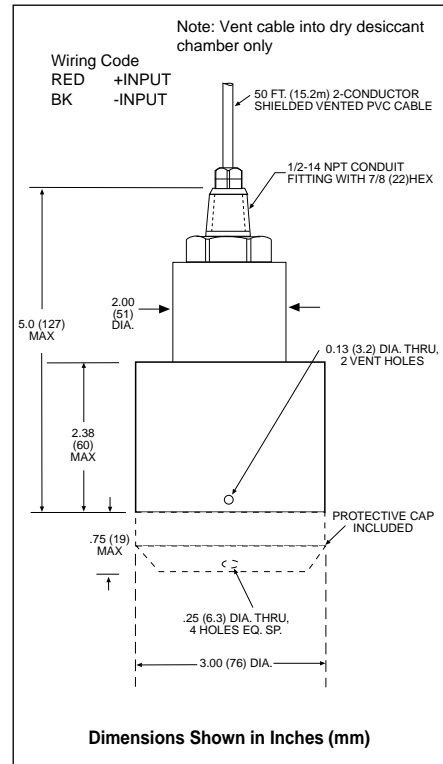
**SPEC SHEET**  
**PX79-I**

# LOW PRESSURE SUBMERSIBLE TRANSMITTER

## For Level and Depth Measurement



**\$825**  
**Model PX79U7-001GI**  
*Shown Smaller than Actual Size*



**Performance:**  
**Accuracy Class:** 0.5% Linearity, Hysteresis, and Repeatability Combined  
**Environmental:**  
**Operational Temp Range:** -34 to 93°C (-30 to 200°F)  
**Compensated Temp Range:** -1 to 54°C (30 to 130°F)  
**Thermal Effects:**  
Span: 0.003% of Rdg/°F  
Zero: 0.0045% of FSO/°F

**Pressure:**  
**Ranges (psi):** 1, 2, 3, 4, 5, 10  
**Proof Pressure:** 1500 psi  
**Burst Pressure:** 2500 psi  
**Mechanical:**  
**Wetted Parts:** 316 Stainless Steel with 625 Inconel Diaphragm  
**Pressure Port:** Nose protector included  
**Electrical Connection:** 50 ft (15.2m) PVC insulated shielded and vented cable

➔ **Most Popular Models Highlighted** ◀

**Prices Shown in U.S. Dollars**

To Order: ( <i>Specify Model Number</i> ) 25 ft (7.6m) Cable Standard				
Range psig in-H <sub>2</sub> O	Model Number	Price	Compatible Meters	
0-1	PX79U7-001GI	\$825	INFP, INFCP, IPD	
0-2	PX79U7-002GI	825	INFP, INFCP, IPD	
0-3	PX79U7-003GI	825	INFP, INFCP, IPD	
0-4	PX79U7-004GI	825	INFP, INFCP, IPD	
0-5	PX79U7-005GI	825	INFP, INFCP, IPD	
0-10	PX79U7-010GI	825	INFP, INFCP, IPD	

Interchangeable with Model TH-LVAG-LD Metric Ranges Available - Consult Engineering  
To order with extra cable add "-(length in feet)FT" and add \$2.00 per foot over 50 ft (15.2m)

**Ordering Examples:** 1.) PX79U7-001GI-100FT is a 1 psi transducer with 4-20 mA output and 100 ft vented cable, \$825 + (50 x 2.00) = \$925. 2.) PX79U7-005GI is a 5 psi Gage Pressure transmitter with 4-20 mA output and the standard 50 ft of vented cable, \$825.

