

SUBMERSIBLE PRESSURE TRANSDUCER

For Level And Depth Measurement, 38 mm (1.5") Dia.

4 to 20 mA Output, 0-4 to 0-15 psi, 0-9.2 to 0-34.6' of water

PX78 Series

\$725

All Models



Supplied with a desiccant.

- ✓ All Stainless Steel Housing
- ✓ Hermetically Sealed
- ✓ Protective Cap Included
- ✓ 15 m (50') Vented Cable Standard

OMEGA's PX78 is a submersible transmitter suitable for liquid level and depth measurement. Its all stainless steel, hermetically sealed housing makes it suitable for immersion in most industrial liquids and oils. A 15 m (50') vented cable (longer lengths available) provides an atmospheric pressure reference.

SPECIFICATIONS

Excitation: 10 to 40 Vdc

Output: 4 to 20 mA $\pm 10\%$

Max Loop Resistance:

(Input voltage - 10) x 50

Zero Balance: 4 mA $\pm 0.5\%$

Accuracy: 0.5% linearity, hysteresis and repeatability combined

Operating Temp Range:

-29 to 93°C (-20 to 200°F)

Compensated Temp Range:

16 to 71°C (60 to 160°F)

Thermal Effects:

Span: 0.003% rdg/°F

Zero: 0.005% FSO/°F

Proof Pressure:

150% of rated pressure

Burst Pressure:

300% of rated pressure

Wetted Parts:

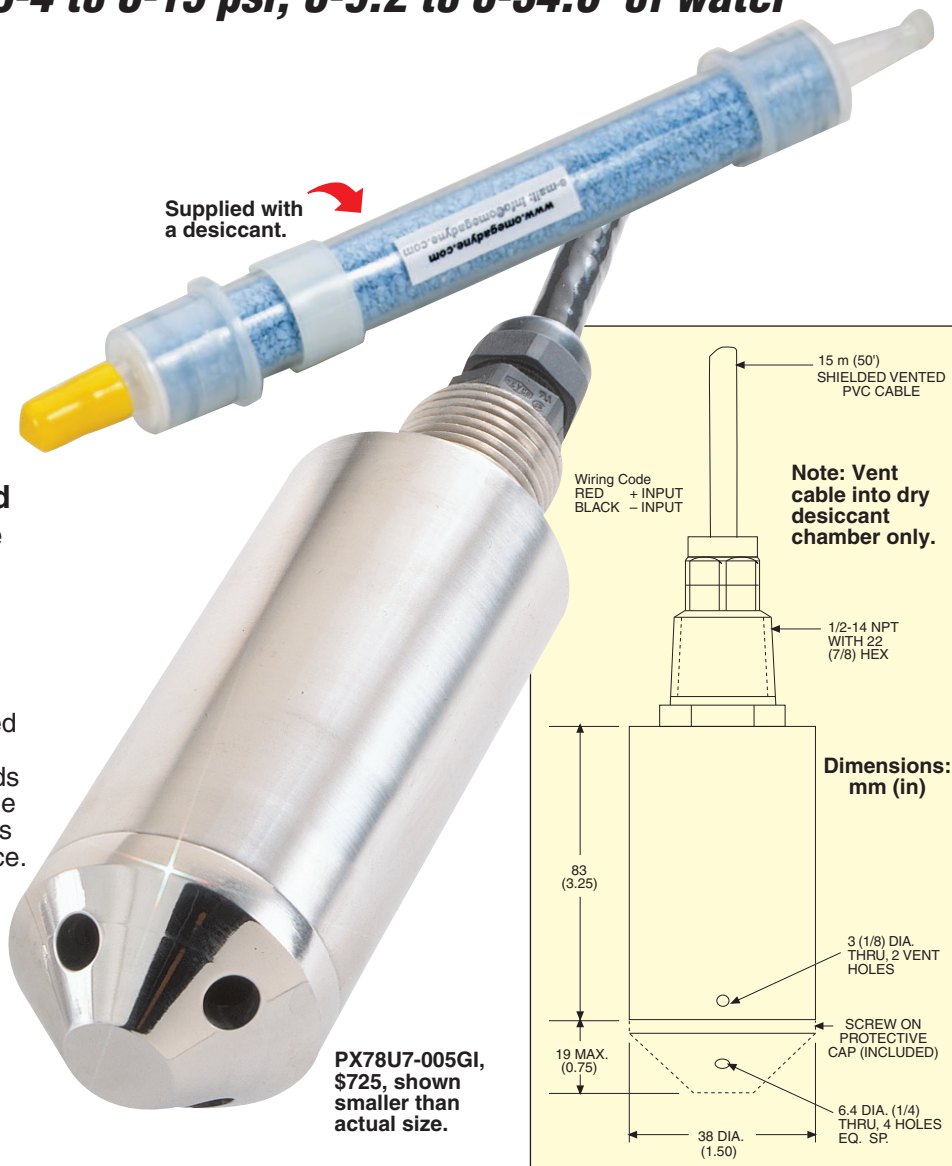
Diaphragm: 316 SS

Housing: 17-4 SS

Pressure Port: Nose protector included

Electrical Connection: 15 m (50') PVC-insulated shielded and vented cable standard

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



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model No.	Price	Range		
		psig	bar	ftH ₂ O
PX78U7-004GI	\$725	0 to 4	0 to 0.27	9.2
PX78U7-005GI	725	0 to 5	0 to 0.34	11.5
PX78U7-010GI	725	0 to 10	0 to 0.69	23.1
PX78U7-015GI	725	0 to 15	0 to 1.0	34.6

Accessories

Model No.	Price	Description
A019385	\$35	Replacement desiccant
PE-1022	79	Reference Book: Process Control System

Comes complete with operator's manual and desiccant.

Metric ranges available - consult Engineering.

To order with extra cable, add suffix "-(Length in feet)FT" and \$2.50/ft beyond standard 15 m (50') length.

Ordering Examples: PX78U7-015GI-100FT, 15 psi transmitter with 4 to 20 mA output and 30 m (100') vented cable, \$725 + (50 x 2.50) = \$850.

PX78U7-005GI, 5 psi gage pressure transmitter with 4 to 20 mA output and standard 15 m (50') of vented cable, \$725.

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