

LOW-PRESSURE SUBMERSIBLE TRANSMITTER

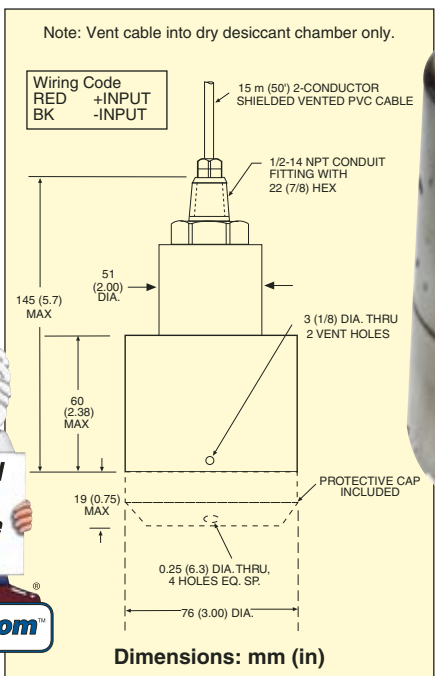
FOR LEVEL AND DEPTH MEASUREMENT

PX79 Series

4 to 20 mA Output
0-1 to 0-10 psi
0-70 to 0-700 mbar

1 bar = 14.5 psi
1 kg/cm² = 14.22 psi
1 atmosphere = 14.7 psi = 29.93 inHg = 760.2 mmHg = 1.014 bar

Starts at
\$825



PX79U7-001GI, \$825, shown smaller than actual size.

Supplied with a desiccant.

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

OMEGA's PX79 is a submersible low-pressure transmitter suitable for liquid level and depth measurement. Its stainless steel housing and Inconel diaphragm make it suitable for immersion in most industrial fluids. A 15 m (50') vented cable (longer lengths available) provides an atmospheric reference.

SPECIFICATIONS

ELECTRICAL
Excitation: 10 to 40 Vdc
Output: 4 to 20 mA ±10%
Max Loop Resistance: (Input voltage - 10) x 50
Span: 16 mA ±0.2 mA
Zero Balance: 4 mA ±0.2 mA

PERFORMANCE
Accuracy: 0.5% linearity, hysteresis and repeatability combined

ENVIRONMENTAL
Operating 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: 0.005% of FSO/°F

PRESSURE
Ranges (psi): 1, 2, 3, 4, 5, 10
Exterior Pressure: 1000 psi maximum

MECHANICAL
Wetted Parts: 316 stainless steel with 625 Inconel diaphragm
Pressure Port: Nose protector included
Electrical Connection: 15 m (50') PVC-insulated shielded and vented cable

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) 15 m (50') Cable Standard						
RANGE				MODEL NO.	PRICE	COMPATIBLE METERS*
	psig	bar	inH ₂ O			
0 to 1	0 to 0.07	28		PX79U7-001GI	\$825	DP41-E, DP25B-E, DP24-E
0 to 2	0 to 0.14	55		PX79U7-002GI	825	DP41-E, DP25B-E, DP24-E
0 to 3	0 to 0.2	83		PX79U7-003GI	825	DP41-E, DP25B-E, DP24-E
0 to 4	0 to 0.3	111		PX79U7-004GI	825	DP41-E, DP25B-E, DP24-E
0 to 5	0 to 0.34	138		PX79U7-005GI	825	DP41-E, DP25B-E, DP24-E
0 to 10	0 to 0.69	277		PX79U7-010GI	825	DP41-E, DP25B-E, DP24-E

Comes with complete operator's manual. Metric ranges available - consult Engineering.
* See section D for compatible meters.
To order with extra cable, add suffix "-(Length in feet) FT" and \$2.50/ft beyond standard 15 m (50') length.

Ordering Examples: PX79U7-001GI-100FT, 1 psi transducer with 4 to 20 mA output and 30 m (100') vented cable, \$825 + (50 x 2.50) = \$950. PX79U7-005GI, 5 psi gage pressure transmitter with 4 to 20 mA output and standard 15 m (50') of vented cable, \$825.

ACCESSORIES

MODEL NO.	PRICE	DESCRIPTION
A019385	\$35	Replacement dessicant
EE-2584	230	Reference Book: Process Plant Instrumentation

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