

LOW-PRESSURE SUBMERSIBLE TRANSMITTER FOR LEVEL AND DEPTH MEASUREMENT

PXM79 Series

4 to 20 mA Output
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

All Models
£553



- ✓ All Stainless Steel Housing/Inconel Diaphragm
- ✓ Hermetically Sealed Housing
- ✓ Protective Cap Included
- ✓ 15 m Vented Cable Standard

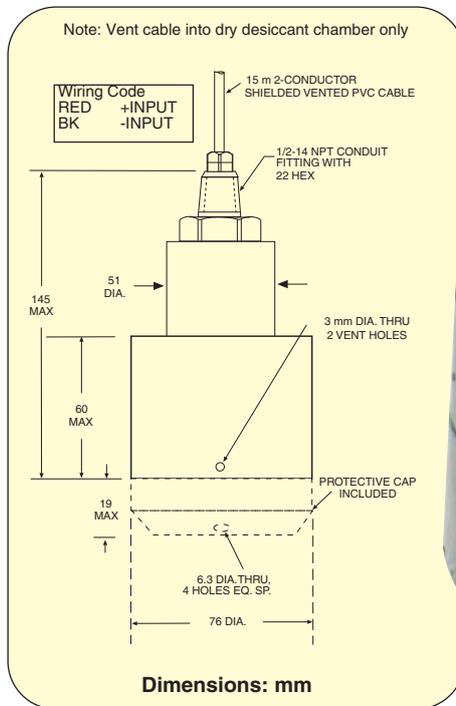
OMEGA's PXM79 Series transmitter is a submersible low pressure transducer suitable for liquid level and depth measurement. Its stainless steel housing and Inconel[®] diaphragm makes it suitable for immersion in most industrial fluids. A 15 m vented cable, longer lengths available, provides an atmospheric reference.

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 transducer.

SPECIFICATIONS

Electrical

Excitation: 10 to 40 Vdc
Output: 4 to 20 mA ±10%
Max Loop Resistance:
(Input Voltage -10) x 50
Zero Balance: 4 mA ±5%



PXM79U7-200MBARGI, £553, shown smaller than actual size.

Performance

Accuracy: 0.5% Linearity, Hysteresis, and Repeatability Combined

Environmental:

Operational Temp Range:

-34 to 93°C

Compensated Temp Range:

-1 to 54°C

Thermal Effects:

Span: 0.0054% of Rdg/°C

Zero: 0.008% of FSO/°C

Pressure

Exterior Pressure: 69 bar maximum

Mechanical:

Wetted Parts: 316 Stainless Steel with 625 Inconel[®] Diaphragm

Pressure Port: Nose protector included

Electrical Connection:

15 m PVC insulated shielded and vented cable

MOST POPULAR MODEL HIGHLIGHTED!

To Order (Specify Model Number) 15 m Cable Standard			
RANGE mbar	MODEL NO.	PRICE	COMPATIBLE METERS*
0 to 70	PXM79U7-070mBARGI	£553	DP41-E, DP25B-E, DP24-E
0 to 150	PXM79U7-150mBARGI	553	DP41-E, DP25B-E, DP24-E
0 to 200	PXM79U7-200mBARGI	553	DP41-E, DP25B-E, DP24-E
0 to 275	PXM79U7-275mBARGI	553	DP41-E, DP25B-E, DP24-E
0 to 350	PXM79U7-350mBARGI	553	DP41-E, DP25B-E, DP24-E
0 to 700	PXM79U7-700mBARGI	553	DP41-E, DP25B-E, DP24-E

* See page 291 for compatible meters.

Desiccant included with all models.

To order with extra cable add "--(length in metres)M" and add £4.35 per metre over 15 m.

Ordering Examples: PXM79U7-150MBARGI-30M, 150 mbar gauge pressure transmitter with 4 to 20 mA output and 30 m vented cable, £553 + (15 x 4.35) = **£618.25**.

PXM79U7-200MBARGI, 200 mbar gauge pressure transmitter with 4 to 20 mA output and the standard 15 m of vented cable, **£553**.



UNITED STATES

www.omega.com

1-800-TC-OMEGA

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CANADA

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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

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Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters