

SUBMERSIBLE PRESSURE TRANSMITTER FOR LEVEL AND DEPTH MEASUREMENT

PXM78 Series
4-20 mA Output
0-275 mbar to 0-35 bar

PXM78
\$725
Model Shown



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

OMEGA's PXM78 Series transmitter is a submersible transducer suitable for liquid level and depth measurement. Its all stainless steel, hermetically sealed housing make it suitable for immersion in most industrial liquids and oils. A 15 metre vented cable (longer lengths available) provides an atmospheric pressure 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:

Excitation: 10-40 Vdc

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

Max Loop Resistance:
(Input Voltage -10) x 50

Zero Balance: 4 mA $\pm 5\%$

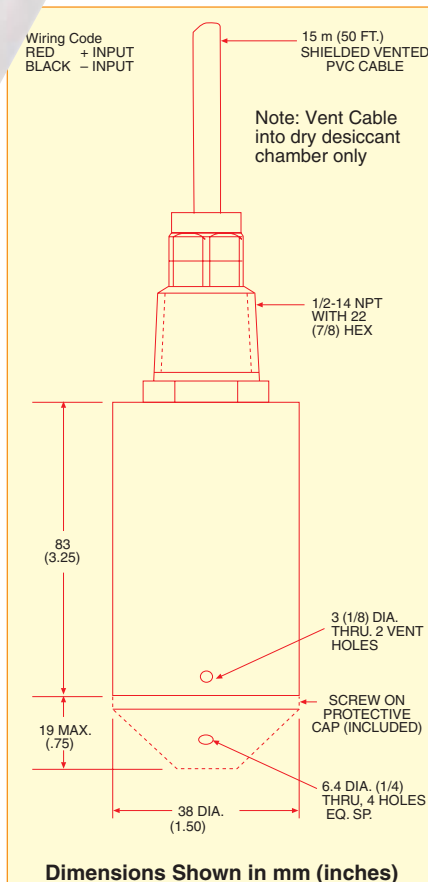
Accuracy: 0.25% Linearity, Hysteresis, and Repeatability Combined

Operational Temp Range:
-29 to 93°C (-20 to 200°F)

Compensated Temp Range:
16 to 71°C (60 to 160°F)



Model PXM78U7-350MBARGI
Shown Smaller than Actual Size



Thermal Effects:

Span: 0.0054% of Rdg/°C

Zero: 0.008% of FSO/°C

Proof Pressure:

150% of rated pressure

Burst Pressure:

300% of rated pressure

Wetted Parts:

316 Stainless Steel Diaphragm 17-4
Stainless Steel Housing

Pressure Port: Nose protector included

Electrical Connection:

15 m (50 ft) PVC insulated shielded and
vented cable

MOST POPULAR MODEL HIGHLIGHTED

To Order (Specify Model Number) 15 m Cable Standard

RANGE	MODEL NO.	PRICE	COMPATIBLE METERS*
0 to 275 mbar	PXM78U7-275mBARGI	\$725	DP41-E, DP25B-E, DP24-E
0 to 350 mbar	PXM78U7-350mBARGI	725	DP41-E, DP25B-E, DP24-E
0 to 700 mbar	PXM78U7-700mBARGI	725	DP41-E, DP25B-E, DP24-E
0 to 1 bar	PXM78U7-001BARGI	725	DP41-E, DP25B-E, DP24-E
0 to 2 bar	PXM78U7-002BARGI	725	DP41-E, DP25B-E, DP24-E
0 to 3.5 bar	PXM78U7-03.5BARGI	725	DP41-E, DP25B-E, DP24-E
0 to 7 bar	PXM78U7-007BARGI	725	DP41-E, DP25B-E, DP24-E
0 to 17 bar	PXM78U7-017BARGI	725	DP41-E, DP25B-E, DP24-E
0 to 35 bar	PXM78U7-035BARGI	725	DP41-E, DP25B-E, DP24-E

See Section D for Compatible Meters.

To order with extra cable add “-(length in metres)M” and add \$6.50 per metre over 15 m.

Ordering Examples: (Desiccant Included with all models)

1.) PXM78U7-007BARGI-30M is a 7 bar gauge pressure transmitter with 4-20 mA output and 30 m total length of vented cable, \$725 + (15 x 6.50) = \$822.50.

2.) PXM78U7-350mBARGI is a 350 mbar gauge pressure transmitter with 4-20 mA output and the standard 15 m of vented cable, \$725.