

SUBMINIATURE PRESSURE TRANSDUCER WITH FLUSH DIAPHRAGM

PXM600 Series
0-14 to 700 bar

All Ranges
£332

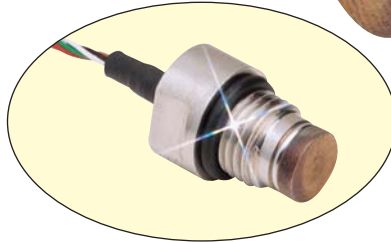
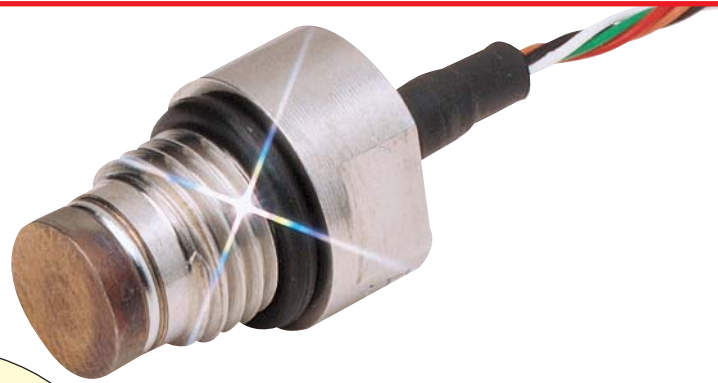


- ✓ All Stainless Steel Diaphragm and Threaded Side Wall Construction
- ✓ Rugged Stainless Steel Case
- ✓ Subminiature Design

SPECIFICATIONS

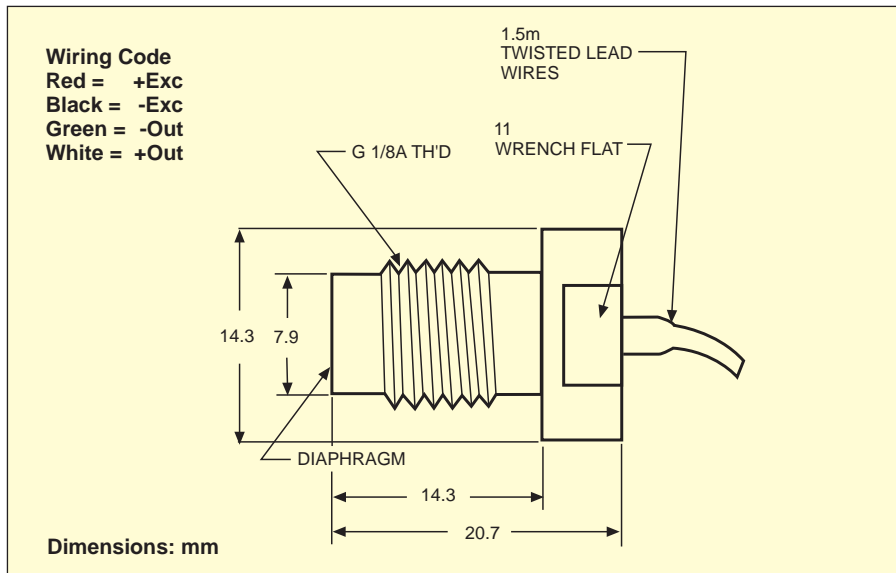
Excitation: 5 Vdc @ 15 mA
Output: 10 mV typical @ 5 Vdc
Sensitivity: 2 mV/V Nominal
Input Impedance: 350 min
Output Resistance: 350 min
Insulation Resistance: 5 M @ 75 Vdc
Accuracy: ±1% FS; linearity and hysteresis combined; calibration certificate included
Repeatability: ±0.1% FS
Zero Balance: ±3% FS
Operating Temperature Range: -54 to 121°C
Compensated Temperature Range: 16 to 71°C
Thermal Zero Effect: <±0.018% FS/°C
Thermal Sensitivity Effect: ±0.036% rdg/°C
Proof Pressure: 150% range
Burst Pressure: 400% range
Body and Diaphragm Material: 17-4 PH stainless steel
Electrical Connection: 4-conductor cable
Weight: 14 g

HIGH ACCURACY!



PXM600MU-200BARGV, £332, shown actual size.

RECOMMENDED METERS/CONTROLLERS
 i-Series with Embedded Internet
 ✓ Unmatched Performance and Features
 ✓ Change Display Colour at Any Setpoint
 Please visit omega.co.uk or see page 291 for compatible meters and controllers



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)			
RANGE (bar)	MODEL NO.	PRICE	COMPATIBLE METERS [†]
0 to 14	PXM600MU-14BARGV	£332	DPiS8**, DP41-S**, DP25B-S**
0 to 35	PXM600MU-35BARGV	332	DPiS8**, DP41-S**, DP25B-S**
0 to 70	PXM600MU-70BARGV	332	DPiS8**, DP41-S**, DP25B-S**
0 to 140	PXM600MU-140BARGV	332	DPiS8**, DP41-S**, DP25B-S**
0 to 200	PXM600MU-200BARGV	332	DPiS8**, DP41-S**, DP25B-S**
0 to 350	PXM600MU-350BARGV	332	DPiS8**, DP41-S**, DP25B-S**
0 to 700	PXM600MU-700BARGV	332	DPiS8**, DP41-S**, DP25B-S**

[†] Please see page 291 or visit omega.co.uk for details on compatible meters.
 ** Meter excitation voltage requires field adjustment by customer to 5 Vdc.
Ordering Example: PXM600MU-200BARGV, 200 bar subminiature transducer, £332.

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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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• Data Acquisition

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• Pressure, Strain and Force

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• 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