



## STANDARD FEATURES

350ohm STRAIN GAUGE - 3.3mV/V  
 80%OUTPUT CAL  
 INTERCHANGEABLE WITH  
 COMPETITORS MODELS  
 0-1000psi + 0-30,000psi RANGES  
 0.5%ACCURACY  
 6pin BAYONET CONNECTOR  
 750°F(400°C) MERCURY FILL

INCONEL TIP

### OPTIONS

CONNECTOR - 6pin or 8pin Screw  
 750°F(400°C) MERCURY FREE FILL

## STOCK LIST

PSI	STEM
5,000	3.5"
10,000	3.5"

## ORDER CODE

**MP1M X - PXX X X X X X**

**1** - 3.3mV/V    **1**    **M** - Psi x 1000    **S** - 6pin Bayonet    **S** - Standard Inconel    - - Standard  
**2** - 2.5mV/V    **1.5**    **B** - Bar x 100    **G** - 6pin Screw    **C** - Chromium Nitride    **F** - Mercury Free  
**3**    **P** - MPa    **8** - 8pin Screw    **T** - Titanium Nitride  
**5**  
**7.5 15**  
**10 20**  
**I** - Inconel Tip + Threads  
**H** - Hastelloy  
**D** - Diamond Particulate



## SPECIFICATIONS - MP1M

### MECHANICAL

**Ranges:** 0-1000 to 0-30,000psi  
**Max Error:** 0.5% of Full Scale  
**Repeatability:** +/-0.2%  
**Overload Capab:** 2x Full Scale  
**Mount Torque:** 150in-500 in-lbs

### TEMPERATURE

**Max Diaph. Temp:** 750°F(400°C)  
**Zero Shift of Diaph.:** 15psi/100°F  
**Zero Shift of Elect.:** 1%/100°F  
**Max Housing Temp:** 250°F(120°C)

### ELECTRICAL

**Measuring Sensor:** 350ohm Wheatstone Bridge  
**Element Resistance:** +/-1% of Full Scale  
**Internal Shunt Cal:** +/-0.2%  
**Zero Balance:** +/-0.5% of Full Scale  
**Excitation:** 7-12VDC (recommend 10VDC)