

**MM100 & MM200 SERIES**



**MM100 - Rigid Stem**

**MM1** X X P XX X X X  
 0 - 6" 1 - 3.33mV/V 5 M - Psi x1000 S - 6PIN BAYONET S - STANDARD INCONEL  
 4 - 4-20mA 10  
 7 - 0-10VDC



**MM200 - Rigid Stem with Flex**

**MM2** X X P XX X X X  
 0 - 6"+18" FLEX 1 - 3.33mV/V 5 M - Psi x1000 S - 6PIN BAYONET S - STANDARD INCONEL  
 4 - 4-20mA 10  
 7 - 0-10VDC

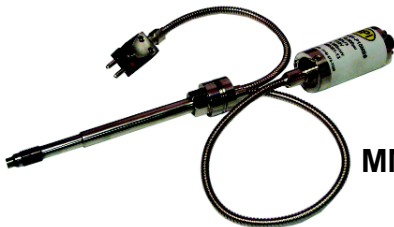
**FEATURES MM100 / MM200**

- \* Interchangeable with Competitor's models
- \* Standard 3.33mV/V , 6pin Connector
- \* 6" Stem (Standard) , \* 18" Flex Hose (MP200)
- \* 0.5% combined error, \* 80% Output Cal
- \* Ranges 0-5,000 and 0-10,000psi
- \* 750°F (400°C) Rating, Standard INCONEL Tip

**OPTIONS**

- \* OUTPUTS 4-20mA, 0-10VDC

**MMX SERIES**



**MMX00 - Pressure and Temperature**

**MM** X X X P XX X X X  
 J - T/C 0 - 6"+18" FLEX 1 - 3.33mV/V 5 M - Psi x1000 S - 6PIN BAYONET S - STANDARD INCONEL  
 4 - 4-20mA 10  
 7 - 0-10VDC

**FEATURES MMX**

- \* same as MM200 Plus
- \* Thermocouple J Field replaceable

**OPTIONS**

- \* OUTPUTS 4-20mA, 0-10VDC

**SPECIFICATIONS**

**MECHANICAL**

**RANGES**  
 0-5000, 10000psi  
**MAX ERROR**  
 +/-0.5% Of Full Scale  
**REPEATABILITY**  
 +/-0.2% Of Full Scale  
**OVERLOAD CAPABILITY**  
 2x Full Scale or 20,000psi MAX  
**MOUNTING TORQUE**  
 150 inch-lbsMIN 500 inch-lbsMAX

**TEMPERATURE EFFECTS**

**MAXIMUM DIAPHRAGM TEMP**  
 750°F (400°C)  
**ZERO SHIFT OF DIAPHRAGM**  
 20psi / 100°F  
**MAXIMUM HOUSING TEMP**  
 250°F (120°C)  
**ZERO SHIFT OF ELECTRONICS**  
 1% / 100°F

**ELECTRICAL**

**MEASURING SENSOR**  
 Wheatstone Bridge  
 Strain Gauge  
**ELEMENT RESISTANCE**  
 350ohm +/-1% Of Full Scale  
**INTERNAL SHUNT CALIBRATION**  
 80% +/-0.5% Of Full Scale  
**ZERO BALANCE (Transducer)**  
 +/-5% FULL SCALE  
**OUTPUT 3.33 mV/V**  
 EXCITATION 7-12VDC  
 RECOMMENDED - 10VDC

**ZERO & SPAN ADJUSTMENT (Transmitter)**  
 +/-15% FULL SCALE  
**OUTPUT 4-20mA, 2 wire**  
 EXCITATION 14-36VDC  
 LOAD RESISTANCE 0-1100ohm  
**OUTPUT 0-10VDC**  
 EXCITATION 16-36VDC  
 LOAD RESISTANCE 2,000 MIN