



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

STOCK LIST

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

INCONEL TIP

OPTIONS

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

ORDER CODE

MP1M **X** - **P** **XX** **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 **I** - Inconel Tip + Threads
 10 20 **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)

PRESSURE INDICATORS

MT-IND - 4-20mA LOOP



MT-IND



Mounted on Transmitters

STANDARD

0.28" LARGE 4DIGIT DISPLAY
 INPUT 4-20mA
 PROGRAMMABLE SCALING
 POWER - 4-20mA LOOP POWER
 REVERSE POLARITY PROTECTION-
 4PIN CONNECTOR
 IP65 (after mounting on transmitter)

SPECIFICATIONS - MT-IND

DISPLAY

TYPE : 4 DIGIT LED (0.28"H)
 RANGE : -1.9.9.9. to 9.9.9.9
 ACCURACY : 0.1%+/-1 Digit
 DIGITAL
 DAMPING : 0 - 20s

ELECTRICAL

SUPPLY : 4-20mA LOOP
 VOLT DROP : <2.5V
 PROTECTION : SHORT CIRCUIT
 REVERSE
 POLARITY : MAX 200mA

ENVIRONMENT

OPERATING TEMP : -20 to 70C
 STORAGE TEMP : -30 to 85C
 PROTECTION : IP65 (connected)
 WEIGHT : 80g
 HOUSING : BLACK