

## MN200 SERIES



### FEATURES MN200

- \* Fluid filled system
- \* Standard 3.33mV/V
- \* 6pin Bayonet Connector
- \* 10" 0.06" Dia Cappillary
- \* 18" Flex Hose
- \* 1% combined error
- \* 80% Output Calibration
- \* Interchangeable with all Competitor's models
- \* 750°F (400°C) Rating
- \* Ranges from 0-500 to 0-30,000psi
- \* Standard Diaphragm - INCONEL

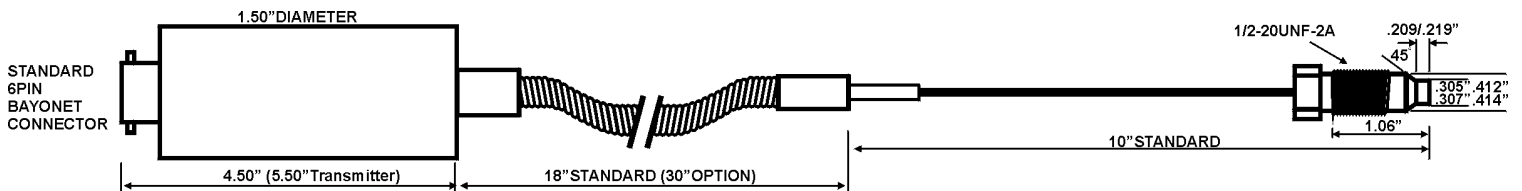
### OPTIONS MN200

- \* **OUTPUT OPTIONS**  
2.5mV/V 4-20mA  
0-5VDC 0-10VDC
- \* **CONNECTOR OPTIONS**  
8pin 6pin-CANNON
- \* **OPTIONAL DIAPHRAGMS**  
Hastelloy  
Extra Long Life Triple-Tip
- \* **MERCURY FREE (660°F)**

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10" Bare Capillary + 18" flexible capillary with stainless armour coating. This provides thermal isolation and installation flexibility in space restricted areas.

## MN200 - TRANSDUCERS / TRANSMITTERS - NARROW SPACE



### ORDER CODE

MN2 X	X	P XX X	X	X
0 - 10" + 18" FLEX	1 - 3.33mV/V 2 - 2.5mV/V 4 - 4-20mA 5 - 0-5VDC 6 - 1-5VDC 7 - 0-10VDC	1.5 3 5 7.5 10 15 20	M - Psi x1000 B - BAR x100 P - Mpa	S - 6PIN BAYONET 8 - 8PIN SCREW B - BC WIRING G - 6PIN SCREW S - STANDARD INCONEL C - CHROMIUM NITRIDE T - TITANIUM NITRIDE I - INCONEL TIP & THREAD H - HAST 3- TRIPLE WEAR TIP F - MERCURY FREE

## SPECIFICATIONS

### MECHANICAL

**RANGES**  
0-500, 750, 1000, 1500, 3000, 5000,  
7500, 10000, 15000, 20000psi  
**MAX ERROR**  
+/-1% Of Full Scale  
**REPEATABILITY**  
+/-0.2% Of Full Scale  
**OVERLOAD CAPABILITY**  
2x Full Scale or 30,000psi MAX  
**MOUNTING TORQUE**  
150 inch-lbs MIN 500 inch-lbs MAX

### TEMPERATURE EFFECTS

**MAXIMUM DIAPHRAGM TEMP**  
750° F (400° C) Mercury Fill  
660° F (350° C) Mercury Free  
**ZERO SHIFT of DIAPHRAGM**  
15psi / 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 or 2.5mV/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 0-5VDC**  
EXCITATION 11-36VDC  
LOAD RESISTANCE 2,000 MIN  
**OUTPUT 0-10VDC**  
EXCITATION 16-36VDC  
LOAD RESISTANCE 2,000 MIN