

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

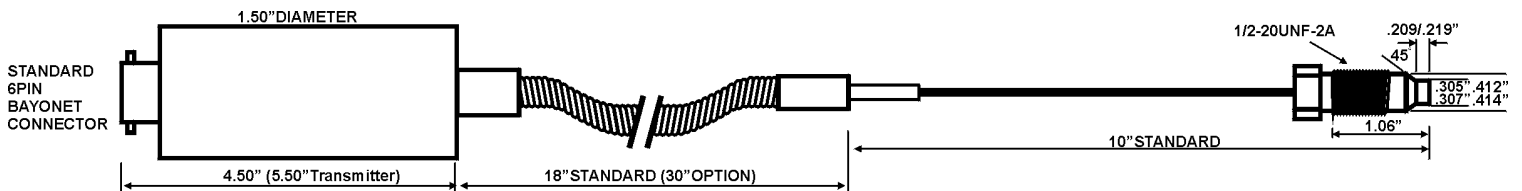
OPTIONS MN200

- * **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