

MN100 SERIES



FEATURES MN100

Fluid filled system
 Standard 3.33mV/V
 6pin Bayonet Connector
 28" Flex Hose
 0.5% combined error
 80% Output Calibration
 Interchangeable with all
 Competitor's models
 750°F (400°C) Rating
 Ranges from
 0-500 to 0-30,000psi
 INCONEL Diaphragm

OPTIONS MN100

OUTPUT OPTIONS
 2.5mV/V 4-20mA
 0-5VDC 0-10VDC
CONNECTOR OPTIONS
 8pin 6pin-CANNON
DIAPHRAGM OPTIONS
 Hastelloy
 Diamond Particulate
 Titanium Nitride
FILL OPTIONS
 Merc Free (750°F)
 NaK (1000°F)

MN100 SERIES

28" flexible capillary with stainless armour coating. This provides thermal isolation and installation flexibility in space restricted areas.



MN200 SERIES



FEATURES MN200

Fluid filled system
 Standard 3.33mV/V
 6pin Bayonet Connector
 10" 0.06" Dia Capillary
 18" Flex Hose
 0.5% combined error
 80% Output Calibration
 Interchangeable with all
 Competitor's models
 750°F (400°C) Rating
 Ranges from
 0-500 to 0-30,000psi
 INCONEL Diaphragm

OPTIONS MN200

OUTPUT OPTIONS
 2.5mV/V 4-20mA
 0-5VDC 0-10VDC
CONNECTOR OPTIONS
 8pin 6pin-CANNON
DIAPHRAGM OPTIONS
 Hastelloy
 Diamond Particulate
 Titanium Nitride
FILL OPTIONS
 Merc Free (750°F)
 NaK (1000°F)

MN200 SERIES

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



SPECIFICATIONS

MECHANICAL

Ranges(mV/V): 0-1000 to 0-30,000psi
 Ranges(mA or V): 0-500 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

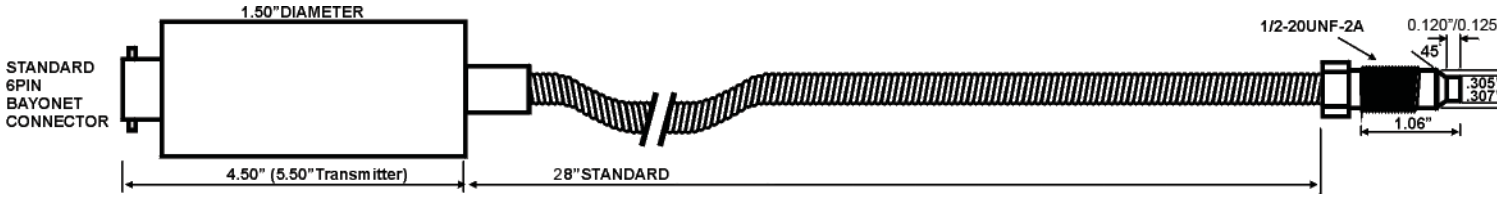
TEMPERATURE

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
 Internal Shunt Cal(2.5 or 3.3mV/V): 80% of FS
 Zero&Span Adjust(0-5/10V or 4-20mA): +/-0.15% FS
 Excitation: 2.5 or 3mV/V(7-12V recommend10V)
 0-10V(14-36V) 0-5V(11-36V)
 4-20mA(14-36V)

MN100 - TRANSDUCERS / TRANSMITTERS - NARROW SPACE



ORDER CODE

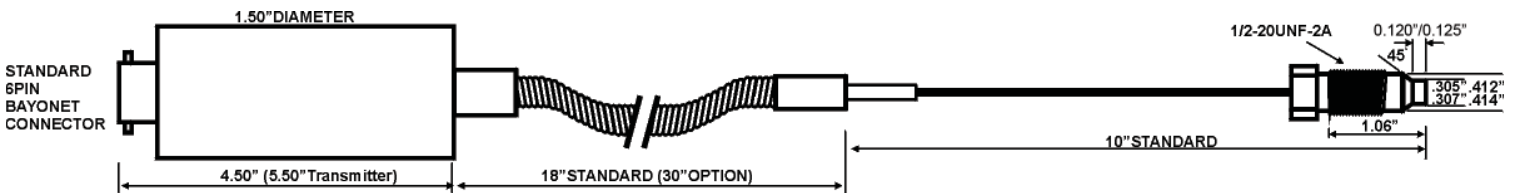
- MN1 X**
 0 - 28"flex
 1 - 60"flex
- X - PXX**
 1 - 3.3mV/V
 2 - 2.5mV/V
 4 - 4-20mA
 5 - 0-5VDC
 6 - 1-5VDC
 7 - 0-10VDC
- X**
 1
 1.5
 3
 5
 7.5 15
 10 20
- X**
 M - Psi x 1000
 B - Bar x 100
 P - MPa
- X**
 S - 6pin Bayonet
 G - 6pin Screw
 8 - 8pin Screw
- X**
 S - Standard Inconel
 C - Chromium Nitride
 T - Titanium Nitride
 I - Inconel Tip + Threads
 H - Hastelloy
 D - Diamond Particulate
- X**
 - - 1/2"-20UNF
 M18 - M18x1.5
 M10 - M10x1.0
 .25 - 0.25% Accuracy
 F - Mercury Free

STOCK LIST

Inconel Tip
 All Outputs & Connectors

PSI	FLEX ARMOUR
5000	28"
10,00	28"
20,000	28"
30,000	28"

MN200 - TRANSDUCERS / TRANSMITTERS - NARROW SPACE



ORDER CODE

- MN2 X**
 0 - 10"cap+18"Flex
 3 - 10"cap+30"Flex
- X - PXX**
 1 - 3.3mV/V
 2 - 2.5mV/V
 4 - 4-20mA
 5 - 0-5VDC
 6 - 1-5VDC
 7 - 0-10VDC
- X**
 1
 1.5
 3
 5
 7.5 15
 10 20
- X**
 M - Psi x 1000
 B - Bar x 100
 P - MPa
- X**
 S - 6pin Bayonet
 G - 6pin Screw
 8 - 8pin Screw
- X**
 S - Standard Inconel
 C - Chromium Nitride
 T - Titanium Nitride
 I - Inconel Tip + Threads
 H - Hastelloy
 D - Diamond Particulate
- X**
 - - 1/2"-20UNF
 M18 - M18x1.5
 M10 - M10x1.0
 .25 - 0.25% Accuracy
 F - Mercury Free

STOCK LIST

Inconel Tip
 All Outputs & Connectors

PSI	CAPILLARY + HOSE
5,000	10"+18"
10,000	10"+18"
20,000	10"+18"
30,000	10"+18"