

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)

Option "E" - Epoxy filled can

Option "W" - Tig Welded Can with Epoxy Fill



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)

Option "E" - Epoxy filled can

Option "W" - Tig Welded Can with Epoxy Fill



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): 0-500 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

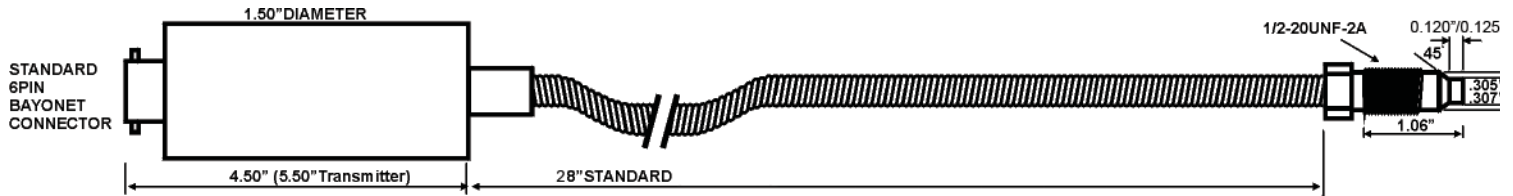
Zero&Span Adjust(0-5/10V or 4-20mA): +/-0.15% FS

Excitation: 2.5 or 3.3mV/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	X - P XX	X	X	X	X
0 - 28"flex 1 - 60"flex	1 - 3.3mV/V 2 - 2.5mV/V 4 - 4-20mA 5 - 0-5VDC 6 - 1-5VDC 7 - 0-10VDC	1 1.5 3 5 7.5 10	M - Psi x 1000 B - Bar x 100 P - MPa K - kg/cm2	S - 6pin Bayonet G - 6pin Screw 8 - 8pin Screw N - 1/2"NPT+ 36"Teflon	S - Standard Inconel C - Chromium Nitride T - Titanium Nitride I - Inconel Tip + Threads H - Hastelloy D - Diamond Particulate

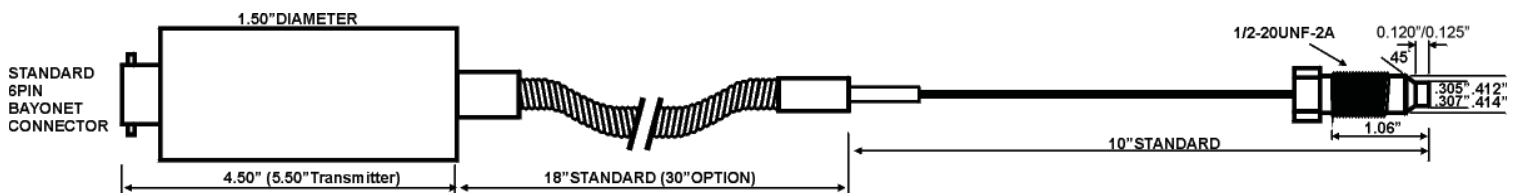
STOCK LIST

Inconel Tip
All Outputs & Connectors

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

-	- 1/2"-20UNF
M18	- M18x1.5
M10	- M10x1.0
.25	- 0.25% Accuracy
F	- Mercury Free Fill
K	- NaK Fill
E	- Epoxy Fill Can
W	- Tig Welded Can with Epoxy Fill

MN200 - TRANSDUCERS / TRANSMITTERS - NARROW SPACE



ORDER CODE

MN2 X	X - P XX	X	X	X	X
0 - 10"cap+18"Flex 3 - 10"cap+30"Flex	1 - 3.3mV/V 2 - 2.5mV/V 4 - 4-20mA 5 - 0-5VDC 6 - 1-5VDC 7 - 0-10VDC	1 1.5 3 5 7.5 10	M - Psi x 1000 B - Bar x 100 P - MPa K - kg/cm2	S - 6pin Bayonet G - 6pin Screw 8 - 8pin Screw N - 1/2"NPT+ 36"Teflon	S - Standard Inconel C - Chromium Nitride T - Titanium Nitride I - Inconel Tip + Threads H - Hastelloy D - Diamond Particulate

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"

-	- 1/2"-20UNF
M18	- M18x1.5
M10	- M10x1.0
.25	- 0.25% Accuracy
F	- Mercury Free Fill
K	- NaK Fill
E	- Epoxy Filled Can
W	- Tig Welded Can with Epoxy Fill