

NARROW SPACE TRANSDUCERS / TRANSMITTERS

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

FDA Oil (660°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

FDA Oil (660°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

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

MOUNTING TORQUE

150 inch-lbsMIN 500 inch-lbsMAX

TEMPERATURE EFFECTS

MAXIMUM DIAPHRAGM TEMP

750°F (400°C)

ZERO SHIFT of DIAPHRAGM

15psi / 100°F

MAXIMUM HOUSING TEMP

750°F (400°C)

ZERO SHIFT of ELECTRONICS

1% / 100°F

ELECTRICAL

MEASURING SENSOR

Wheatstone Bridge Strain Gauge

ELEMENT RESISTANCE

+/-1% Of Full Scale

INTERNAL SHUNT CALIBRATION

+/-0.2% Of Full Scale

ZERO BALANCE

+/-5% FULL SCALE

OUTPUT 3.33mV/V or 2.5mV/V

EXCIT 7-12VDC (RECOMMEND - 10VDC)

OUTPUT 4-20mA, 2 WIRE

EXCIT 14-36VDC

OUTPUT 0-5VDC

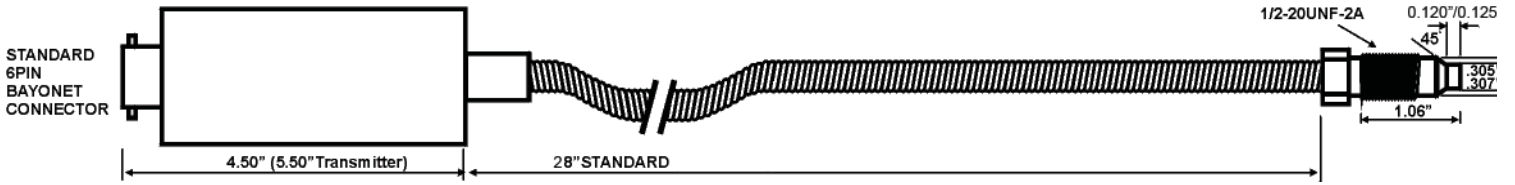
EXCITATION 11-36VDC

OUTPUT 0-10VDC

EXCITATION 14-36VDC

NARROW SPACE TRANSDUCERS / TRANSMITTERS

MN100 - TRANSDUCERS / TRANSMITTERS - NARROW SPACE



ORDER CODE

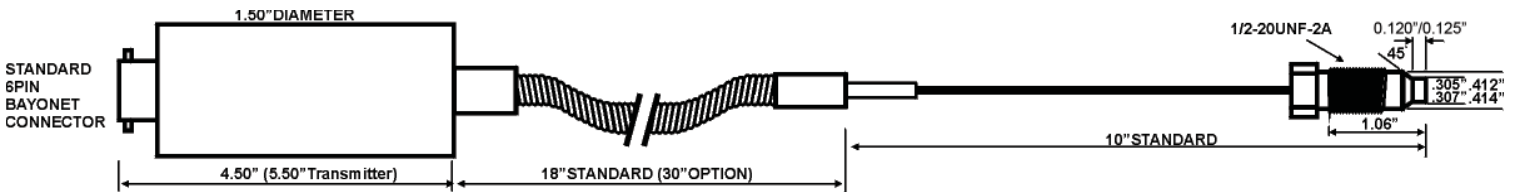
MN1 X	X	P XX	X	X	X
0 - 28"flex	1 - 3.33mV/V	3	M - psi x 1000	S - 6pin bayonet	S - inconel Tip+threads
1 - 60"flex	2 - 2.5mV/V	5	B - bar x 100	8 - 8pin screw	C - Chromium Nitride
Other	4 - 4-20mA	7.5	P - Mpa	B - BC wiring	T - Titanium Nitride
	5 - 0-5V	10		G - 6pin screw	H - Hastelloy
	6 - 1-5V	20			D - Diamond Particulate
	7 - 0-10V	Other			

STOCK LIST - MN100

PART#	PRESS (psi)	OUTPUT
MN10x-P5MyS	5,000	Specify
MN10x-P10MyS	10,000	3.3mV/V
MN10x-P20MyS	20,000	4-20mA
		0-10V
		0-5V
		1-11V

X - SPECIFY OUTPUT
Y - SPECIFY CONNECTOR

MN200 - TRANSDUCERS / TRANSMITTERS - NARROW SPACE



ORDER CODE

MN2 X	X	P XX	X	X	X
0 - 10"cap+18"flex	1 - 3.33mV/V	3	M - psi x 1000	S - 6pin bayonet	S - inconel Tip+threads
3 - 10"cap+30"flex	2 - 2.5mV/V	5	B - bar x 100	8 - 8pin screw	C - Chromium Nitride
Other	4 - 4-20mA	7.5	P - Mpa	B - BC wiring	T - Titanium Nitride
	5 - 0-5V	10		G - 6pin screw	H - Hastelloy
	6 - 1-5V	20			D - Diamond Particulate
	7 - 0-10V	Other			

STOCK LIST - MN200

PART#	PRESS (psi)	OUTPUT
MN20x-P5MyS	5,000	Specify
MN20x-P10MyS	10,000	3.3mV/V
MN20x-P20MyS	20,000	4-20mA
		0-10V
		0-5V
		1-11V

X - SPECIFY OUTPUT
Y - SPECIFY CONNECTOR