

MN100 SERIES



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

FEATURES MN100

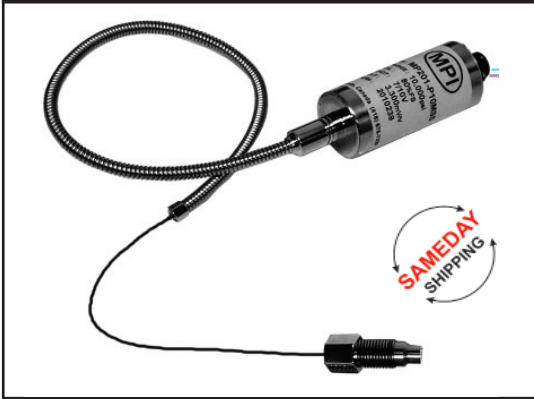
Fluid filled system
 Standard 3.33mV/V
 6pin Bayonet Connector
 28" Flex Hose
 0.5% combined error
 80% Output Calibration
 Interchangeable with all Competitor's models
 750°F (400°C) Rating
 Ranges from
 0-300 to 0-30,000psi
 INCONEL Diaphragm

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 (660°F)
 NaK (1000°F)
 Option "E" - Epoxy filled can
 Option "W" - Tig Welded Can with Epoxy Fill
SIL2 - Remote+Local Zero (4-20mA)



MN200 SERIES



MN200 SERIES

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

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
 0-300 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 (660°F)
 NaK (1000°F)
 Option "E" - Epoxy filled can
 Option "W" - Tig Welded Can with Epoxy Fill
SIL2 - Remote+Local Zero (4-20mA)



SPECIFICATIONS

MECHANICAL

Ranges(mV/V): 0-300 to 0-30,000psi
 Ranges(mA or V): 0-300 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

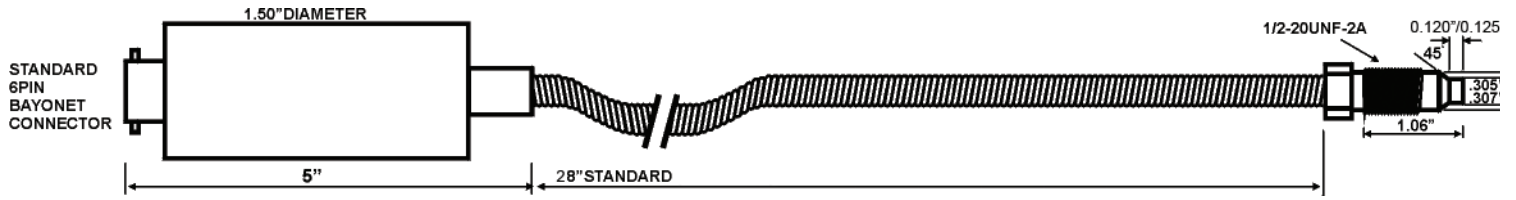
TEMPERATURE

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

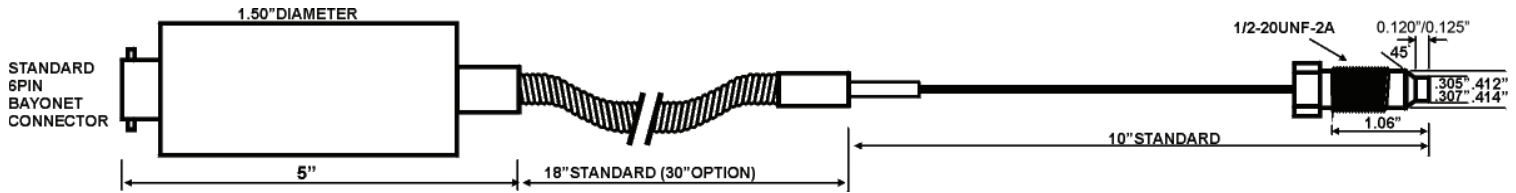


ORDER CODE

- MN1 X** **X** - P XX **X** **X** **X** **X**
- 0** - 28"flex **1** - 3.3mV/V **1** **M** - Psi x 1000 **S** - 6pin Bayonet **S** - Standard Inconel
 - 1** - 60"flex **2** - 2.5mV/V **1.5** **B** - Bar x 100 **G** - 6pin Screw **C** - Chromium Nitride
 - 4** - 4-20mA **3** **P** - MPa **8** - 8pin Screw **T** - Titanium Nitride
 - 5** - 0-5VDC **5** **K** - kg/cm2 **N** - 1/2"NPT+36"Teflon **I** - Inconel Tip + Threads
 - 6** - 1-5VDC **7.5 15** **H** - Hastelloy
 - 7** - 0-10VDC **10 20** **D** - Diamond Particulate
 - E** - 4-20mA (4wire) **5** - 5pin (china standard)
- - 1/2"-20UNF
 - M18** - M18x1.5
 - M10** - M10x1.0
 - .25** - 0.25% Accuracy
 - F** - Mercury Free Fill
 - K** - NaK Fill
 - E** - Epoxy Fill
 - W** - Tig Welded Can with Epoxy Fill
 - 3V** - Voltage Output (3 wire)
 - SIL2** - Remote+Local Zero (4-20mA)

STOCK LIST		Inconel Tip
		All Outputs & Connectors
PSI	FLEX ARMOUR	
5,000	28"	
10,00	28"	
20,000	28"	
30,000	28"	

MN200 - TRANSDUCERS / TRANSMITTERS - NARROW SPACE



ORDER CODE

- MN2 X** **X** - P XX **X** **X** **X** **X**
- 0** - 10"cap+18"Flex **1** - 3.3mV/V **1** **M** - Psi x 1000 **S** - 6pin Bayonet **S** - Standard Inconel
 - 3** - 10"cap+30"Flex **2** - 2.5mV/V **1.5** **B** - Bar x 100 **G** - 6pin Screw **C** - Chromium Nitride
 - 4** - 4-20mA **3** **P** - MPa **8** - 8pin Screw **T** - Titanium Nitride
 - 5** - 0-5VDC **5** **K** - kg/cm2 **N** - 1/2"NPT+36"Teflon **I** - Inconel Tip + Threads
 - 6** - 1-5VDC **7.5 15** **H** - Hastelloy
 - 7** - 0-10VDC **10 20** **D** - Diamond Particulate
 - E** - 4-20mA (4wire) **5** - 5pin (china standard)
- - 1/2"-20UNF
 - M18** - M18x1.5
 - M10** - M10x1.0
 - .25** - 0.25% Accuracy
 - F** - Mercury Free Fill
 - K** - NaK Fill
 - E** - Epoxy Fill
 - W** - Tig Welded Can with Epoxy Fill
 - 3V** - Voltage Output (3 wire)
 - SIL2** - Remote+Local Zero (4-20mA)

STOCK LIST		Inconel Tip
		All Outputs & Connectors
PSI	CAPILLARY + HOSE	
750	10"+18"	
1500	10"+18"	
3000	10"+18"	
5,000	10"+18"	
10,000	10"+18"	
20,000	10"+18"	
30,000	10"+18"	

OPTION: RS3" & RS6" - Rotating Stem

