



MELT PRESSURE PRODUCTS

TRANSDUCERS & TRANSMITTERS



750°F (400°C) **Mercury** Fill
660°F (350°C) **Mercury Free** Fill
1000°F (538°C) **NaK - Mercury Free** Fill

INDICATORS , GAUGES, RUPTURE DISKS



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MELT PRESSURE

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MP100 SERIES



MP100 SERIES

The diaphragm transmits pressure through the fluid filled capillary for high temperature stability. Four active arm wheatstone bridge strain gage ensures high accuracy. The rigid stem makes installation fast and easy.

FEATURES MP100/200

Fluid filled system
Standard 3.33mV/V
6pin Bayonet Connector
6" Stem
18" Flex Hose (MP200)
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
Standard Inconel Diaphragm

MP200 SERIES



MP200 SERIES

SAME AS MP100 PLUS:

18" flexible capillary with stainless armour coating. This provides further thermal isolation and installation flexibility.

OPTIONS MP100/200

OUTPUT OPTION
2.5mV/V
CONNECTOR OPTIONS
8pin 6pin-SCREW
3,4,9,12,18" STEM
24,30 or 60" Flex Hose (MP200)
OPTIONAL DIAPHRAGMS
Hastelloy
Titanium Nitride
Inconel Tip + Threads
Option "E" - Epoxy filled can
Option "W" - Tig Welded Can with Epoxy Fill

MPX SERIES



MPX SERIES

SAME AS MP200 PLUS:

Temperature sensor mounted behind diaphragm. This provides temperature and pressure measurement from a single hole. The temperature sensor is field replaceable without removing pressure sensor.

FEATURES MPX

same as MP200 Plus
Thermocouple J
Field replaceable

OPTIONS MPX

same as MP200 Plus
Temperature Sensors
Thermocouple K
Pt100 RTD sensor

SPECIFICATIONS

MECHANICAL

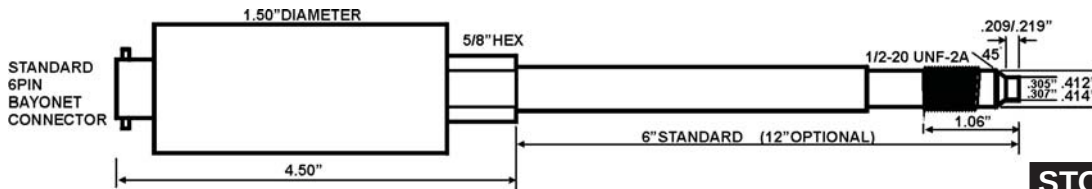
Ranges: 0-300 to 0-30,000psi
Max Error: 0.5% of Full Scale
Repeatability: +/-0.2%
Overload Capab: 2x Full Scale
Mount Torque: 150in-500 in-lbs

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
Excitation: 2.5 or 3.3mV/V(7-12V recommend 10V)



ORDER CODE

MP1 X
 0 - 6"stem
 8 - 8"stem
 9 - 9"stem
 1 - 12"stem

X - P XX
 1 - 3.3mV/V
 2 - 2.5mV/V
 1.5
 3
 5
 7.5 15
 10 20

X
 M - Psi x 1000
 B - Bar x 100
 P - MPa
 K - kg/cm2

X
 S - 6pin Bayonet
 G - 6pin Screw
 8 - 8pin Screw
 N - 1/2"NPT+ 36"Teflon

X
 S - Standard Inconel
 C - Chromium Nitride
 T - Titanium Nitride
 I - Inconel Tip + Threads
 H - Hastelloy
 D - Diamond Particulate

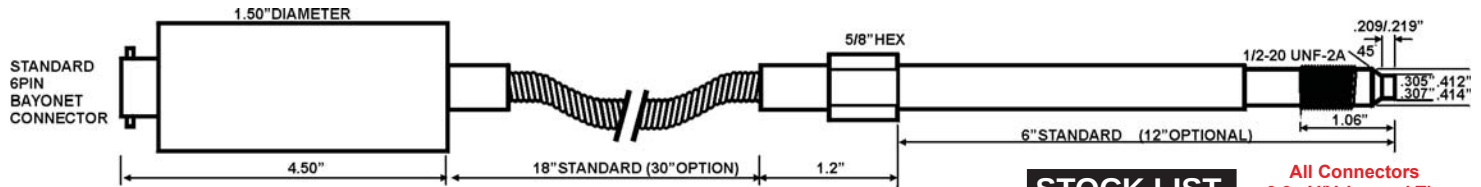
X
 - 1/2"-20UNF
 M18 - M18x1.5
 M10 - M10x1.0
 .25 - 0.25% Accuracy
 E - Epoxy Fill
 W - Tig Welded Can with Epoxy Fill

STOCK LIST

All Connectors
3.3mV/V, Inconel Tip

PSI	STEM
500, 750	6"
1000	6"
1500	6"
3000	6", 12"
5000	6", 9", 12"
7500	6", 12"
10,000	6", 9", 12"
15,000	6"
20,000	6"

MP200 TRANSDUCER - RIGID STEM + FLEX



ORDER CODE

MP2 X
 0 - 6"stem+18"Flex
 1 - 12"stem+18"Flex
 3 - 6"stem+30"Flex
 4 - 12"stem+30"Flex
 8 - 8"stem+18"Flex
 9 - 9"stem+18"Flex

X - P XX
 1 - 3.3mV/V
 2 - 2.5mV/V
 1.5
 3
 5
 7.5 15
 10 20

X
 M - Psi x 1000
 B - Bar x 100
 P - MPa
 K - kg/cm2

X
 S - 6pin Bayonet
 G - 6pin Screw
 8 - 8pin Screw
 N - 1/2"NPT+ 36"Teflon

X
 S - Standard Inconel
 C - Chromium Nitride
 T - Titanium Nitride
 I - Inconel Tip + Threads
 H - Hastelloy
 D - Diamond Particulate

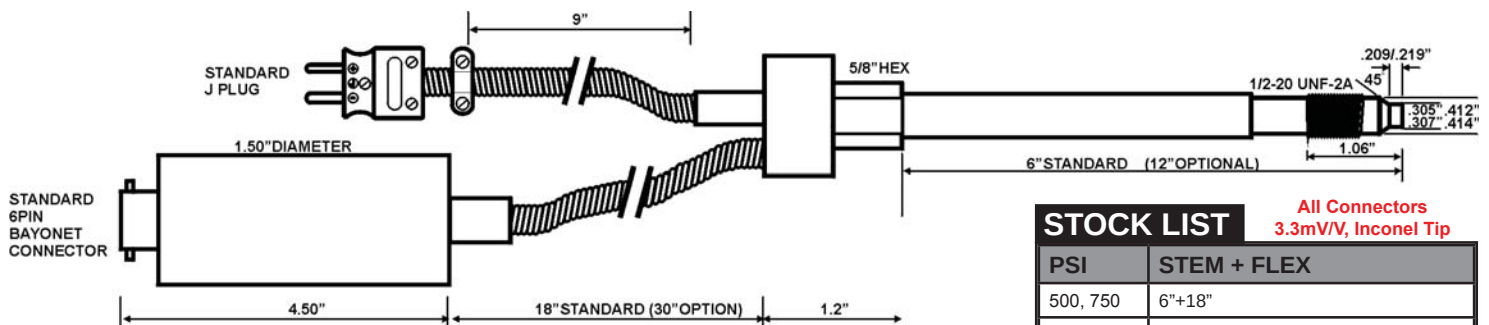
X
 - 1/2"-20UNF
 M18 - M18x1.5
 M10 - M10x1.0
 .25 - 0.25% Accuracy
 E - Epoxy Fill
 W - Tig Welded Can with Epoxy Fill

STOCK LIST

All Connectors
3.3mV/V, Inconel Tip

PSI	STEM + FLEX
500, 750	6"+18"
1000	6"+18"
1500	6"+18", 12+18
3000	6"+18", 12+18
5000	6"+18", 9"+18, 12+18, 6+30, 12+30
7500	6"+18"
10,000	6"+18", 9"+18, 12+18, 6+30, 12+30
15,000	6"+18"
20,000	6"+18"

MPX TRANSDUCER - PRESSURE + TEMPERATURE



ORDER CODE

MPX
 J - T/c J
 K - T/c K
 P - PT100

X
 0 - 6"stem+18"Flex
 1 - 12"stem+18"Flex
 3 - 6"stem+30"Flex
 4 - 12"stem+30"Flex
 8 - 8"stem+18"Flex
 9 - 9"stem+18"Flex

X - P XX
 1 - 3.3mV/V
 2 - 2.5mV/V
 1.5
 3
 5
 7.5 15
 10 20

X
 M - Psi x 1000
 B - Bar x 100
 P - MPa
 K - kg/cm2

X
 S - 6pin Bayonet
 G - 6pin Screw
 8 - 8pin Screw
 N - 1/2"NPT+ 36"Teflon

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
 E - Epoxy Fill
 W - Tig Welded Can with Epoxy Fill

STOCK LIST

All Connectors
3.3mV/V, Inconel Tip

PSI	STEM + FLEX
500, 750	6"+18"
1000	6"+18", 6+30
1500	6"+18", 12+18, 6+30
3000	6"+18", 12+18, 12+30
5000	6"+18", 9"+18, 12+18, 6+30, 12+30
7500	6"+18"
10,000	6"+18", 9"+18, 12+18, 6+30, 12+30
15,000	6"+18"
20,000	6"+18"

MT100 SERIES



MT100 SERIES

The diaphragm transmits pressure through the fluid filled capillary for high temperature stability. Four active arm wheatstone bridge strain gage ensures high accuracy. The rigid stem makes installation fast and easy.

FEATURES MT100/200

Fluid filled system
OUTPUT OPTIONS
 4-20mA
 0-5VDC 0-10VDC
 6pin Bayonet Connector
 6" Stem
 18" Flex Hose (MT200)
 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
 Standard Inconel Diaphragm

MT200 SERIES



MT200 SERIES

SAME AS MT100 PLUS:

18" flexible capillary with stainless armour coating. This provides further thermal isolation and installation flexibility.

OPTIONS MT100/200

CONNECTOR OPTIONS
 8pin 6pin-CANNON
 3,4,9,12,18" STEM
 24,30 or 60" Flex Hose (MT200)
OPTIONAL DIAPHRAGMS
 Titanium Nitride
 Hastelloy
 Inconel Tip + Thread
 Option "E" - Epoxy filled can
 Option "W" - Tig Welded Can with Epoxy Fill

MTX SERIES



MTX SERIES

SAME AS MT200 PLUS:

Temperature sensor mounted behind diaphragm. This provides temperature and pressure measurement from a single hole. The temperature sensor is field replaceable without removing pressure sensor.

FEATURES MTX

same as MT200 Plus
 Thermocouple J
 Field replaceable

OPTIONS MTX

same as MT200 Plus
 Temperature Sensors
 Thermocouple K
 Pt100 RTD sensor

SPECIFICATIONS

MECHANICAL

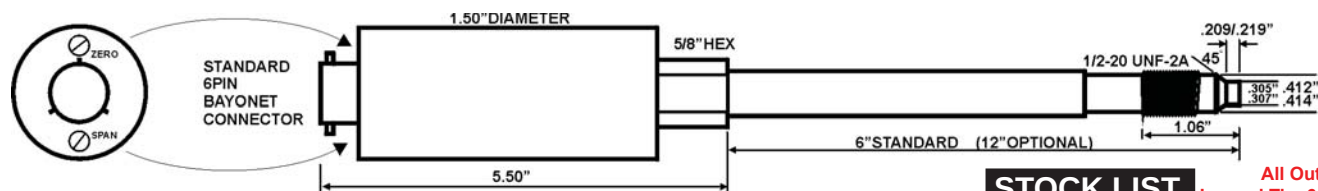
Ranges: 0-300 to 0-30,000psi
Max Error: 0.5% of Full Scale
Repeatability: +/-0.2%
Overload Capab: 2x Full Scale
Mount Torque: 150in-500 in-lbs

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
Zero&Span Adjust(0-5/10V or 4-20mA): +/-0.15% FS
Excitation: 0-10V(14-36V) 0-5V(11-36V)
 4-20mA(14-36V)



ORDER CODE

MT1 X
 0 - 6"stem
 8 - 8"stem
 9 - 9"stem
 1 - 12"stem

X - P XX
 4 - 4-20mA
 5 - 0-5VDC
 6 - 1-5VDC
 7 - 0-10VDC
 E - 4-20mA (4wire)

1
 1.5
 3
 5
 7.5 15
 10 20

X
 M - Psi x 1000
 B - Bar x 100
 P - MPa
 K - kg/cm2

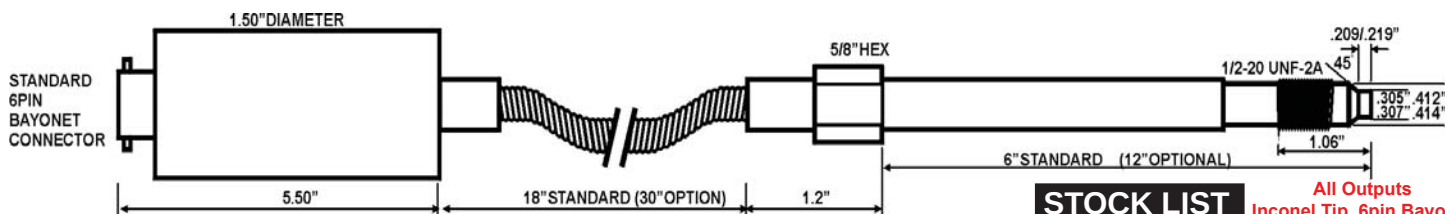
X
 S - 6pin Bayonet
 G - 6pin Screw
 8 - 8pin Screw
 N - 1/2"NPT+ 36"Teflon
 4 - 4pin DIN

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
E - Epoxy Fill
W - Tig Welded Can with Epoxy Fill
3V - Voltage Output (3 wire)

STOCK LIST		All Outputs Inconel Tip, 6pin Bayonet	
PSI	STEM		
300, 500	6"		
750	6"		
1000	6"		
1500	6"		
3000	6", 12"		
5000	6", 9", 12"		
7500	6", 12"		
10,000	6", 9", 12"		
15,000	6"		
20,000	6"		

MT200 TRANSMITTER - RIGID STEM + FLEX



ORDER CODE

MT2 X
 0 - 6"stem+18"Flex
 1 - 12"stem+18"Flex
 3 - 6"stem+30"Flex
 4 - 12"stem+30"Flex
 8 - 8"stem+18"Flex
 9 - 9"stem+18"Flex

X - P XX
 4 - 4-20mA
 5 - 0-5VDC
 6 - 1-5VDC
 7 - 0-10VDC
 E - 4-20mA (4wire)

1
 1.5
 3
 5
 7.5 15
 10 20

X
 M - Psi x 1000
 B - Bar x 100
 P - MPa
 K - kg/cm2

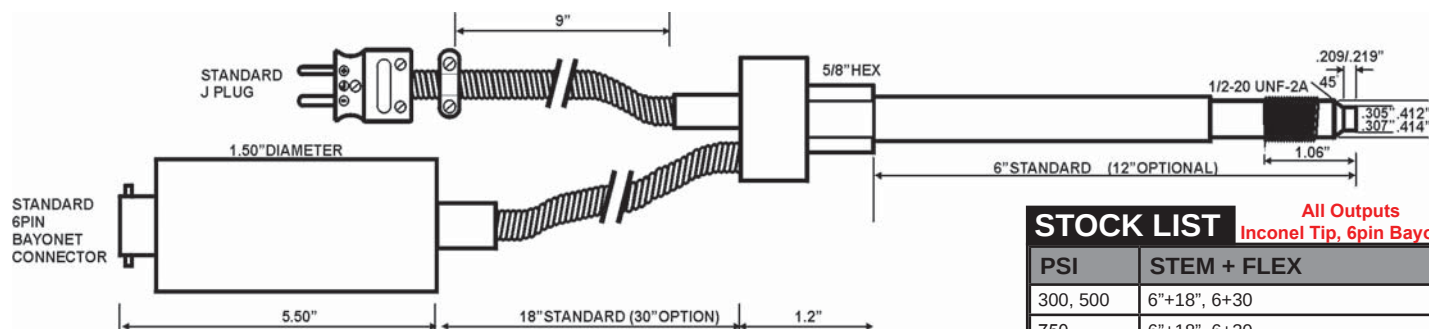
X
 S - 6pin Bayonet
 G - 6pin Screw
 8 - 8pin Screw
 N - 1/2"NPT+ 36"Teflon
 4 - 4pin DIN

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
E - Epoxy Fill
W - Tig Welded Can with Epoxy Fill
3V - Voltage Output (3 wire)

STOCK LIST		All Outputs Inconel Tip, 6pin Bayonet	
PSI	STEM + FLEX		
300, 500	6"+18"		
750	6"+18"		
1000	6"+18"		
1500	6"+18", 12+18		
3000	6"+18", 12+18		
5000	6"+18", 9"+18, 12+18, 6+30, 12+30		
7500	6"+18"		
10,000	6"+18", 9"+18, 12+18, 6+30, 12+30		
15,000	6"+18"		
20,000	6"+18"		

MTX TRANSMITTER - PRESSURE + TEMPERATURE



ORDER CODE

MTX
 J - T/c J
 K - T/c K
 P - PT100

X
 0 - 6"stem+18"Flex
 1 - 12"stem+18"Flex
 3 - 6"stem+30"Flex
 4 - 12"stem+30"Flex
 8 - 8"stem+18"Flex
 9 - 9"stem+18"Flex

X - P XX
 4 - 4-20mA
 5 - 0-5VDC
 6 - 1-5VDC
 7 - 0-10VDC
 E - 4-20mA (4wire)

1
 1.5
 3
 5
 7.5 15
 10 20

X
 M - Psi x 1000
 B - Bar x 100
 P - MPa
 K - kg/cm2

X
 S - 6pin Bayonet
 G - 6pin Screw
 8 - 8pin Screw
 N - 1/2"NPT+ 36"Teflon
 4 - 4pin DIN

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
E - Epoxy Fill
W - Tig Welded Can with Epoxy Fill
3V - Voltage (3 wire)

STOCK LIST		All Outputs Inconel Tip, 6pin Bayonet	
PSI	STEM + FLEX		
300, 500	6"+18", 6+30		
750	6"+18", 6+30		
1000	6"+18", 6+30		
1500	6"+18", 12+18, 6+30		
3000	6"+18", 12+18, 12+30		
5000	6"+18", 9"+18, 12+18, 6+30, 12+30		
7500	6"+18"		
10,000	6"+18", 9"+18, 12+18, 6+30, 12+30		
15,000	6"+18"		
20,000	6"+18"		

MF100 SERIES



MF100 SERIES

The diaphragm transmits pressure through the fluid filled capillary for high temperature stability. Four active arm wheatstone bridge strain gage ensures high accuracy.

The rigid stem makes installation fast and easy.

FEATURES MF100/200

MERCURY FREE FILL

Standard 3.33mV/V

6pin Bayonet Connector

6" Stem

18" Flex Hose (MF200)

0.5% combined error

80% Output Calibration

Interchangeable with all

Competitor's models

660°F (350°C) Rating

Ranges from

0-300 to 0-30,000psi

Standard Inconel Diaphragm

MF200 SERIES



MF200 SERIES

SAME AS MF100 PLUS:

18" flexible capillary with stainless armor coating. This provides further thermal isolation and installation flexibility.

OPTIONS MF100/200

OUTPUT OPTIONS

2.5mV/V 4-20mA

0-5VDC 0-10VDC

CONNECTOR OPTIONS

8pin 6pin-CANNON

3,4,9,12,18" STEM

24,30 or 60" Flex Hose (MF200)

OPTIONAL DIAPHRAGMS

Hastelloy

Titanium Nitride

Inconel Tip + Thread

Option "E" - Epoxy filled can

Option "W" - Tig Welded Can

with Epoxy Fill

MFX SERIES



MFX SERIES

SAME AS MF200 PLUS:

Temperature sensor mounted behind diaphragm. This provides temperature and pressure measurement from a single hole.

The temperature sensor is field replaceable without removing pressure sensor.

FEATURES MFX

same as MF200 Plus

Thermocouple J

Field replaceable

OPTIONS MFX

same as MF200 Plus

Temperature Sensors

Thermocouple K

Pt100 RTD sensor

SPECIFICATIONS

MECHANICAL

Ranges: 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: 660°F(350°C)

Zero Shift of Diaph.: 30psi/100°F

Zero Shift of Elect.: 1%/100°F

Max Housing Temp: 250°F(120°C)

ELECTRICAL

Measuring Sensor: 350ohm Wheatstone Bridge

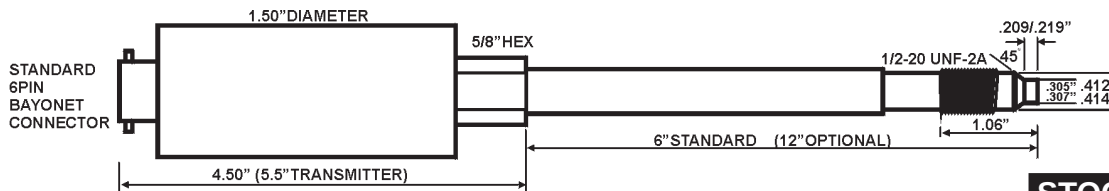
Internal Shunt Cal(2.5 or 3.3mV/V): 80% of FS

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

Excitation: 2.5 or 3.3mV/V(7-12V recommend 10V)

0-10V(14-36V) 0-5V(11-36V)

4-20mA(14-36V)



ORDER CODE

MF1 X
 0 - 6"stem
 8 - 8"stem
 9 - 9"stem
 1 - 12"stem

X - P XX
 1 - 3.3mV/V
 2 - 2.5mV/V
 4 - 4-20mA
 5 - 0-5VDC
 6 - 1-5VDC
 7 - 0-10VDC
 E - 4-20mA (4wire)

X
 1
 1.5
 3
 5
 7.5
 10
 15
 20

X
 M - Psi x 1000
 B - Bar x 100
 P - MPa
 K - kg/cm2

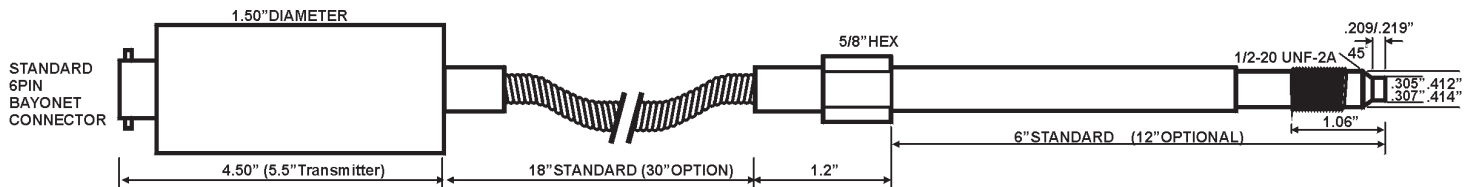
X
 S - 6pin Bayonet
 G - 6pin Screw
 8 - 8pin Screw
 N - 1/2"NPT+ 36"Teflon
 4 - 4pin DIN

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
 E - Epoxy Fill
 W - Tig Welded Can with Epoxy Fill
 3V - Voltage Output (3 wire)

STOCK LIST Inconel Tip All Outputs & Connectors	
PSI	STEM
500, 750, 1000	6"
1500	6"
3000	6"
5000	6", 12"
7500	6"
10,000	6", 12"
15,000	6"
20,000	6"

MF200 MERCURY FREE - RIGID STEM + FLEX



ORDER CODE

MF2 X
 0 - 6"stem+18"Flex
 1 - 12"stem+18"Flex
 3 - 6"stem+30"Flex
 4 - 12"stem+30"Flex
 8 - 8"stem+18"Flex
 9 - 9"stem+18"Flex

X - P XX
 1 - 3.3mV/V
 2 - 2.5mV/V
 4 - 4-20mA
 5 - 0-5VDC
 6 - 1-5VDC
 7 - 0-10VDC
 E - 4-20mA (4wire)

X
 1
 1.5
 3
 5
 7.5
 10
 15
 20

X
 M - Psi x 1000
 B - Bar x 100
 P - MPa
 K - kg/cm2

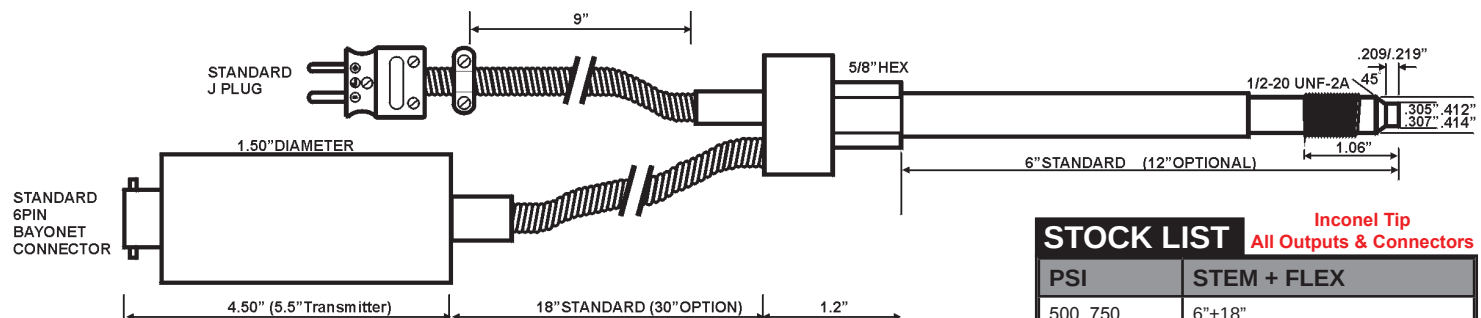
X
 S - 6pin Bayonet
 G - 6pin Screw
 8 - 8pin Screw
 N - 1/2"NPT+ 36"Teflon
 4 - 4pin DIN

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
 E - Epoxy Fill
 W - Tig Welded Can with Epoxy Fill
 3V - Voltage Output (3 wire)

STOCK LIST Inconel Tip All Outputs & Connectors	
PSI	STEM + FLEX
500, 750	6"+18"
1000, 1500	6"+18"
3000	6"+18"
5000	6"+18", 6+30, 12+18
7500	6"+18"
10,000	6"+18", 6+30, 12+18
15,000	6"+18"
20,000	6"+18"

MF200 MERCURY FREE - RIGID STEM + FLEX



ORDER CODE

MF X
 J - T/c J
 K - T/c K
 P - PT100

X
 0 - 6"stem+18"Flex
 1 - 12"stem+18"Flex
 3 - 6"stem+30"Flex
 4 - 12"stem+30"Flex
 8 - 8"stem+18"Flex
 9 - 9"stem+18"Flex

X - P XX
 1 - 3.3mV/V
 2 - 2.5mV/V
 4 - 4-20mA
 5 - 0-5VDC
 6 - 1-5VDC
 7 - 0-10VDC
 E - 4-20mA (4wire)

X
 1
 1.5
 3
 5
 7.5
 10
 15
 20

X
 M - Psi x 1000
 B - Bar x 100
 P - MPa
 K - kg/cm2

X
 S - 6pin Bayonet
 G - 6pin Screw
 8 - 8pin Screw
 N - 1/2"NPT+ 36"Teflon
 4 - 4pin DIN

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
 E - Epoxy Fill
 W - Tig Welded Can with Epoxy Fill
 3V - Voltage(3 wire)

STOCK LIST Inconel Tip All Outputs & Connectors	
PSI	STEM + FLEX
500, 750	6"+18"
1000, 5000	6"+18"
3000	6"+18"
5000	6"+18", 6+30, 12+18
7500	6"+18"
10,000	6"+18", 6+30, 12+18
15,000	6"+18"
20,000	6"+18"

MK100 SERIES



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The diaphragm transmits pressure through the NaK filled capillary for high temperature stability. Four active arm wheatstone bridge strain gage ensures high accuracy.

The rigid stem makes installation fast and easy.

FEATURES MK100/200

NaK -MERCURY FREE FILL

Standard 3.33mV/V

6pin Bayonet Connector

6" Stem

18" Flex Hose (MK200)

0.5% combined error

80% Output Calibration

Interchangeable with all

Competitor's models

1000°F (538°C) Rating

Ranges from

0-300 to 0-30,000psi

Standard Inconel Diaphragm

MK200 SERIES



MK200 SERIES

SAME AS MK100 PLUS:

18" flexible capillary with stainless armour coating. This provides further thermal isolation and installation flexibility.

OPTIONS MK100/200

OUTPUT OPTIONS

2.5mV/V, 4-20mA, 0-5/0-10 VDC

CONNECTOR OPTIONS

8pin 6pin-CANNON

3,4,9,12,18" STEM

24,30 or 60" Flex Hose (MK200)

OPTIONAL DIAPHRAGMS

Hastelloy

Titanium Nitride

Inconel Tip + Thread

Option "E" - Epoxy filled can

Option "W" - Tig Welded Can
with Epoxy Fill

MKX SERIES



MKX SERIES

SAME AS MK200 PLUS:

Temperature sensor mounted behind diaphragm. This provides temperature and pressure measurement from a single hole. The temperature sensor is field replaceable without removing pressure sensor.

FEATURES MKX

same as MK200 Plus

Thermocouple J

Field replaceable

OPTIONS MKX

same as MK200 Plus

Temperature Sensors

Thermocouple K

Pt100 RTD sensor

SPECIFICATIONS

MECHANICAL

Ranges: 0-300 to 0-30,000psi
Max Error: 1% of Full Scale
Repeatability: +/-0.2%
Overload Capab: 2x Full Scale
Mount Torque: 150in-500 in-lbs

TEMPERATURE

Max Diaph. Temp: 1000°F(538°C)
Zero Shift of Diaph.: 10psi/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 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
0-300 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



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
0-300 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



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): 0-300 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

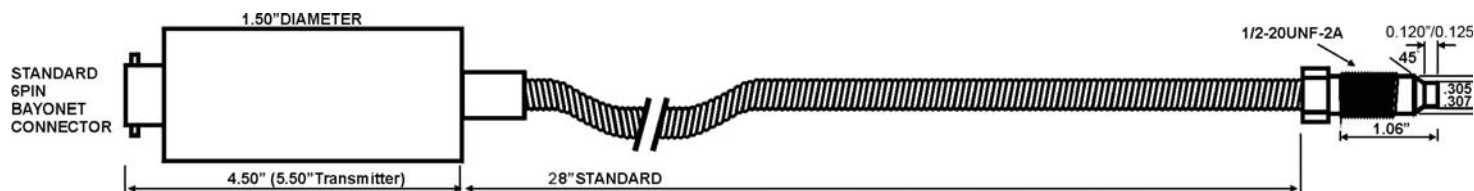
TEMPERATURE

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

0 - 28"flex
1 - 60"flex

X - P XX

1 - 3.3mV/V
2 - 2.5mV/V
4 - 4-20mA
5 - 0-5VDC
6 - 1-5VDC
7 - 0-10VDC
E - 4-20mA (4wire)

X

1
1.5
3
5
7.5
10
20

M

B - Bar x 100
P - MPa
K - kg/cm2

X

S - 6pin Bayonet
G - 6pin Screw
8 - 8pin Screw
N - 1/2"NPT+ 36"Teflon

X

S - Standard Inconel
C - Chromium Nitride
T - Titanium Nitride
I - Inconel Tip + Threads
H - Hastelloy
D - Diamond Particulate

X

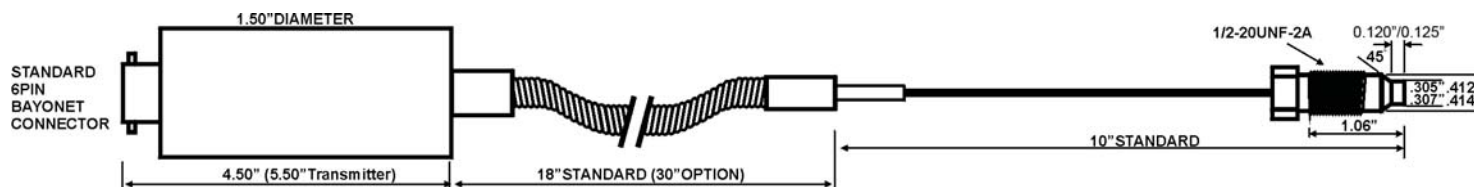
- 1/2"-20UNF
M18 - M18x1.5
M10 - M10x1.0
.25 - 0.25% Accuracy
F - Mercury Free Fill
K - NaK Fill
E - Epoxy Fill
W - Tig Welded Can with Epoxy Fill
3V - Voltage Output (3 wire)

STOCK LIST

Inconel Tip
All Outputs & Connectors

PSI	FLEX ARMOUR
5,000	28"
10,000	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 - P XX

1 - 3.3mV/V
2 - 2.5mV/V
4 - 4-20mA
5 - 0-5VDC
6 - 1-5VDC
7 - 0-10VDC
E - 4-20mA (4wire)

X

1
1.5
3
5
7.5
10
20

M

B - Bar x 100
P - MPa
K - kg/cm2

X

S - 6pin Bayonet
G - 6pin Screw
8 - 8pin Screw
N - 1/2"NPT+ 36"Teflon

X

S - Standard Inconel
C - Chromium Nitride
T - Titanium Nitride
I - Inconel Tip + Threads
H - Hastelloy
D - Diamond Particulate

X

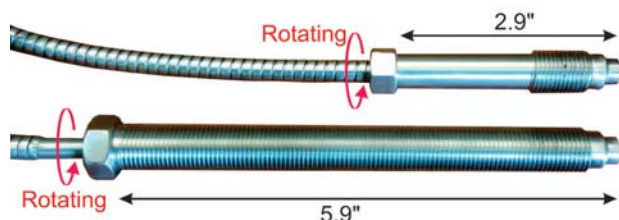
- 1/2"-20UNF
M18 - M18x1.5
M10 - M10x1.0
.25 - 0.25% Accuracy
F - Mercury Free Fill
K - NaK Fill
E - Epoxy Fill
W - Tig Welded Can with Epoxy Fill
3V - Voltage Output (3 wire)

STOCK LIST

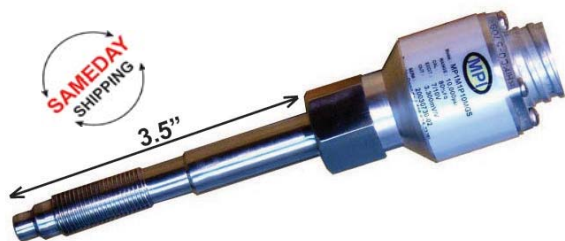
Inconel Tip
All Outputs & Connectors

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

RS3" & RS6" - Rotating Stem



MP1M - Compact Series



STOCK LIST

PSI	STEM
5,000	3.5"
10,000	3.5"

STANDARD FEATURES

350ohm STRAIN GAUGE - 3.3mV/V
80%OUTPUT CAL
INTERCHANGEABLE WITH
COMPETITORS MODELS
0-1000psi + 0-30,000psi RANGES
0.5%ACCURACY
6pin BAYONET CONNECTOR
750°F(400°C) MERCURY FILL

INCONEL TIP

OPTIONS

CONNECTOR - 6pin or 8pin Screw
660°F(350°C) MERCURY FREE FILL

ORDER CODE

MP1M **X** - **P** **XX** **X** **X** **X** **X**

1 - 3.3mV/V 1 M - Psi x 1000 S - 6pin Bayonet S - Standard Inconel
2 - 2.5mV/V 1.5 B - Bar x 100 G - 6pin Screw C - Chromium Nitride - - Standard
3 P - MPa 8 - 8pin Screw T - Titanium Nitride F - Mercury Free
5
7.5 15
10 20
I - Inconel Tip + Threads
H - Hastelloy
D - Diamond Particulate

SPECIFICATIONS - MP1M

MECHANICAL

Ranges: 0-1000 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

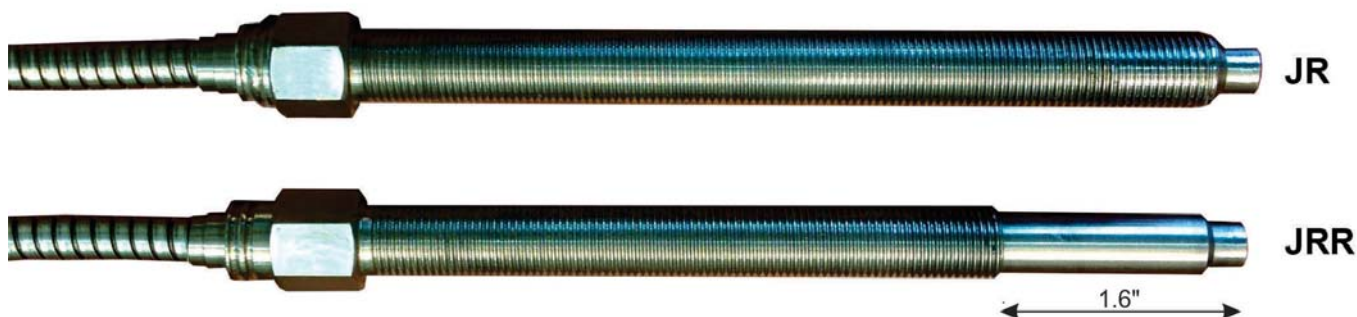
TEMPERATURE

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
Element Resistance: +/-1% of Full Scale
Internal Shunt Cal: +/-0.2%
Zero Balance: +/-0.5% of Full Scale
Excitation: 7-12VDC (recommend 10VDC)

JR & JRR - Fully Threaded Stem



Special Threads



Custom Connectors

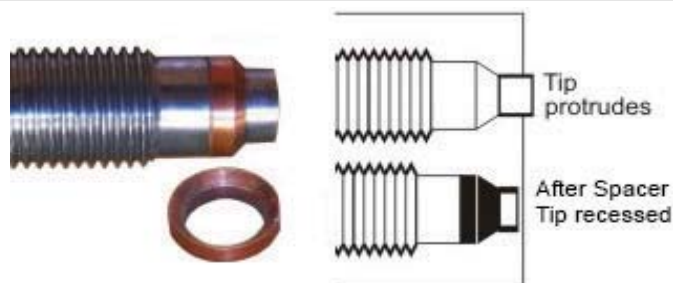


TRANSDUCER HOLE PLUG



LENGTH	1/2"-20UNF	5/8"-11NC	3/4"-16NC
1.82" SLOT	MP-PLUG-2		
3"+Hex	MP-PLUG-3		
6"+Hex"	MP-PLUG-6		MP-PLUG3-6
7"L Flats		MP-PLUG5-7	
8"+Hex	MP-PLUG-8		MP-PLUG3-8

TRANSDUCER - Tip Spacer



THICK	1/2"-20UNF	5/8"-11NC	3/4"-16NC
0.025"	MP-SPACER-025	MP-SPACER5-025	MP-SPACER3-025
0.032"	MP-SPACER-032	MP-SPACER5-032	MP-SPACER3-032
0.045"	MP-SPACER-045	MP-SPACER5-045	MP-SPACER3-045
0.063"	MP-SPACER-063	MP-SPACER5-063	MP-SPACER3-063
0.090"	MP-SPACER-090	MP-SPACER5-090	MP-SPACER3-090

HOLE CLEANING KIT



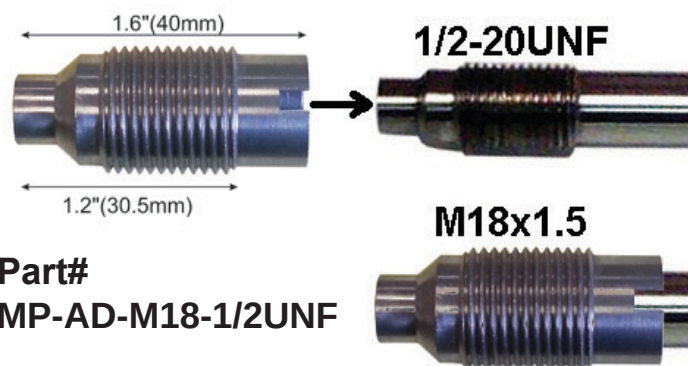
PART#	DESC
MP-CLEAN-1/2	1/2"-20UNF
MP-CLEAN-5/8	5/8"-11NC
MP-CLEAN-3/4	3/4"-16NC
MP-CLEAN-M18	M18x1.5

HOLE DRILL KIT



PART#	DESC
MP-CUT-1/2	1/2"-20UNF
MP-CUT-5/8	5/8"-11NC
MP-CUT-3/4	3/4"-16NC
MP-CUT-M18	M18x1.5

M18 to 1/2-20UNF ADAPTOR



Part#
MP-AD-M18-1/2UNF

MOUNTING BRACKET



PART# MP-MOUNTB
For all Flex Stem Transducers
and Gauges

CABLE & CONNECTORS - TRANSDUCER / TRANSMITTERS

ORDER CODE

MP - CAB - Connector - Material - Protection - Length - Option

6B - 6pin Bayonet

P - 105°C PVC

N - None

12 - 12ft (3.7m)

E - Epoxy

6S - 6pin Screw

T - 200°C Teflon

B - 304SS Braid

25 - 25ft (7.7m)

Sealed

8S - 8pin Screw

H - 304SS Armour

50 - 50ft (15m)

End Connector

6B - Connector

6BC-Connector



STOCK LIST

LENGTH	DESCRIPTION
MP-CAB-6B-PN12	6pin Bayonet 12ft PVC
MP-CAB-6B-PN25	6pin Bayonet 25ft PVC
MP-CAB-6B-PN50	6pin Bayonet 50ft PVC
MP-CAB-6B-TN12	6pin Bayonet 12ft Teflon
MP-CAB-6B-TN25	6pin Bayonet 25ft Teflon
MP-CAB-6B-TN50	6pin Bayonet 50ft Teflon

LENGTH	DESCRIPTION
MP-CAB-6B-TB12	6pin Bayonet 12ft Teflon/Braid
MP-CAB-6B-TB25	6pin Bayonet 25ft Teflon/Braid
MP-CAB-6B-TB50	6pin Bayonet 50ft Teflon/Braid
MP-CAB-6B-TH12	6pin Bayonet 12ft Teflon/Armour
MP-CAB-6B-TH25	6pin Bayonet 25ft Teflon/Armour
MP-CAB-6B-TH50	6pin Bayonet 50ft Teflon/Armour

CABLE ASSEMBLIES - THERMOCOUPLE / RTD

ORDER CODE

A900 - Type

- Length

- Wire

- Term 1

- Term 2

J - Thermocouple J

144 - 12ft (3.7m)

P - 105°C PVC

1 - Fork Terminal

1 - Fork Terminal

K - Thermocouple K

300 - 25ft (7.7m)

T - 200°C Teflon

2 - Male Plug

2 - Male Plug

RTD - PT100 Sensor

600 - 50ft (15m)

B - 450°C Fiberglass
+ S/S Braid

3 - Female Jack

3 - Female Jack



STOCK LIST

LENGTH	DESCRIPTION
A900J-144-P-3-1	J-t/c 12ft PVC female+fork
A900J-300-P-3-1	J-t/c 25ft PVC female+fork

LENGTH	DESCRIPTION
A900J-144-B-3-1	J-t/c 12ft S/S Braid female+fork
A900J-300-B-3-1	J-t/c 12ft S/S Braid female+fork

MPX - Replacement Temperature Sensors

REPLACEMENT TEMPERATURE SENSORS

(for all Melt Pressure Transducers / Transmitters
with Temperature Sensors) :

6" Stem Length

9" Stem Length

12" Stem Length

Custom Stem Length

Order Code

Mode -

Stem Length - Type

Lead Length

MPJ

6" - 6"Stem

TCJ - T/C J

- 8"Armour + Plug

(Replacement

9" - 9"Stem

TCK - T/C K

12" - 12"Armour + Plug

Temp Sensor)

12" - 12"Stem

PT100 - PT100

24" - 24"Armour + Plug

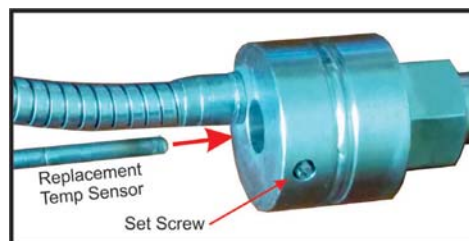
Custom

RTD

48" - 48"Armour + Plug

72" - 72"Armour + Plug

Custom



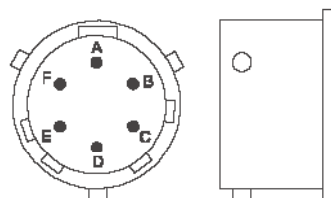
6 PIN BAYONET



MP-6BB

MP-6BC

MP-6B



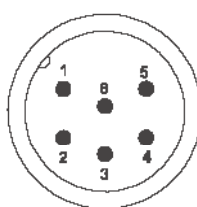
LEAD	COLOR	6 PIN
SIGNAL+	RED	A
SIGNAL-	BLACK	B
EXCITATION+	WHITE	C
EXCITATION-	GREEN	D
CALIBRATION	BLUE	E
CALIBRATION	ORANGE	F

6 PIN SCREW



MP-6SB

MP-6S



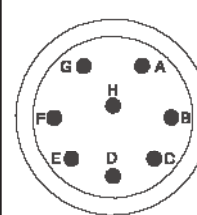
LEAD	COLOR	6 PIN
EXCITATION+	WHITE	1
EXCITATION-	GREEN	2
SIGNAL-	BLACK	3
SIGNAL+	RED	4
NOT USED		5
NOT USED		6

8 PIN SCREW



MP-8SB

MP-8S



LEAD	COLOR	8 PIN
EXCITATION+	WHITE	A
SIGNAL+	RED	B
EXCITATION-	GREEN	C
SIGNAL-	BLACK	D
CALIBRATION	BLUE	E
CALIBRATION	ORANGE	F
NOT USED		G
NOT USED		H

WIRING : MELT PRESSURE TRANSMITTERS

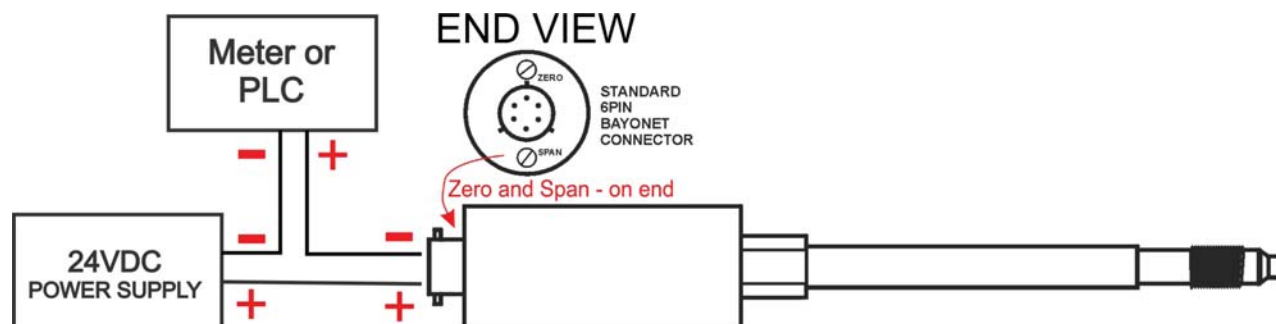
4-20mA

PIN	4-20mA (2wire)	4-20mA (4wire)
A (red)	SIGNAL (+)	SIGNAL (+)
B (black)	SIGNAL (-)	SIGNAL (-)
C (white)	n/a	EXCIT. (+)
D (green)	n/a	EXCIT. (-)
E (blue)	CAL 1	CAL 1
F (orange)	CAL 2	CAL 2

VOLTAGE

PIN	VOLTAGE(4wire)
A (red)	SIGNAL (+)
B (black)	SIGNAL (-)
C (white)	EXCIT. (+)
D (green)	EXCIT. (-)
E (blue)	CAL 1
F (orange)	CAL 2

Standard 4-20mA DC, 2 wire Transmitter Wiring



MELT PRESSURE TRANSDUCER - Installation Guidelines

1. HOLE LOCATION

The best position to mount the transducer is in front of the screw where the polymer is in a good molten state and shear stress is minimized.

For reclaimed extrusion lines, care must be taken that the transducer is situated far enough from hopper to ensure all pellets are melted. Partially melted pellets can damage the tip.

Transducer Housing should be installed such that it doesn't get beyond 150F.

Care must be taken if transducer is mounted on the top of extruder. Heat rises and will heat the housing. If you can touch the housing, it is probably fine. If necessary, flex armour style may be recommended to get housing away from heat.

2. DRILLING MOUNTING HOLE

Follow outlines in the DRILL KIT MANUAL. Some points to take care.

a. MOUNTED HOLES CONCENTRICITY:

The transducer tip must be mounted in the center of the hole (within 0.002").

If the tip is not in the center, the transducer tip can be deformed during installation or removal.

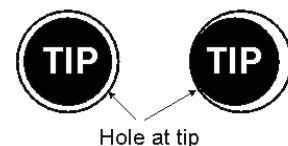
This can increase the error, or even cause the tip to fail prematurely.

b. RECESSING OF THE TIP

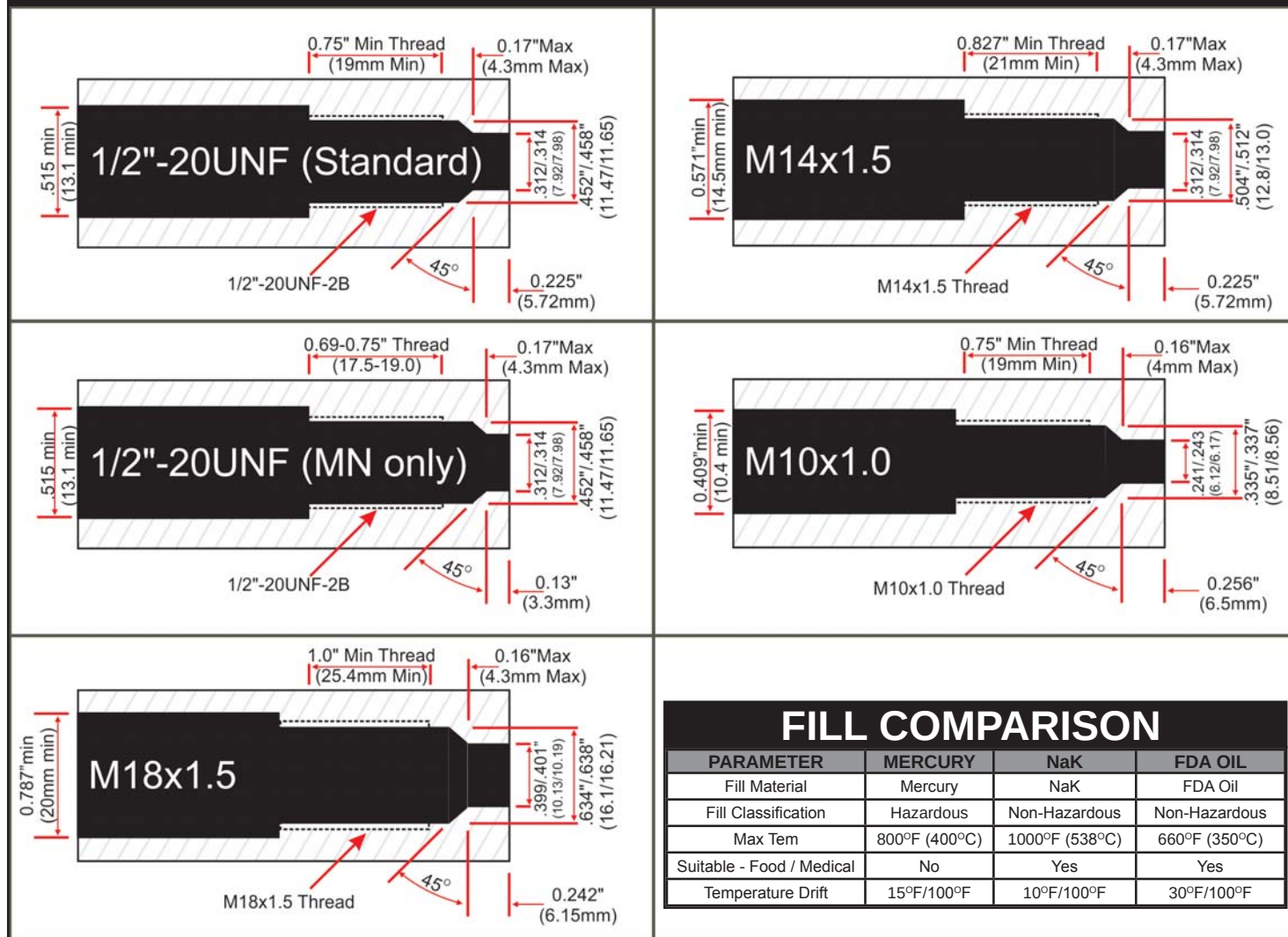
The transducer tip should be installed within 0.08" to 0.1" of the interior of the extruder barrel. Any further, and this can create a cavity for polymers to collect, harden and then interfere with the pressure reading.

Some materials (such as nylons and polycarbonates) will actually shrink and pull the diaphragm towards to interior of the extruder. This sometimes causes the diaphragm to be ripped off. These materials should be recessed to approx 0.05".

CORRECT INCORRECT



MOUNTING HOLE DETAILS



4. TRANSDUCER INSTALLATION

Use a high temp anti seize compound to make it easier to remove transducer.

Mounting torque - 100-200inch/lbs (max 500inch/lbs)

Polymer must be in a molten state when transducer is installed.

5. ELECTRICAL HOOKUP

Care must be taken to avoid electrical noise interference from motors, heaters etc..

Grounding - It is important to ground the cable on the transducer, but NOT on the instrument side

Twisted Pairs - Reduces problems from induced currents.

6. PERFORM ZERO and SPAN CALIBRATION

Follow instrument guidelines.

MELT PRESSURE TRANSDUCER - Operational Guidelines**A. AVOID COLD STARTS**

If the extruder is not heated up properly, the polymer can be in a solid state by the transducer.

If the extruder is then started, the diaphragm can be ripped off.

B. TRANSDUCER REMOVAL

The transducer should only be removed or replaced while the machine is at operating temperature and the polymer is in a liquid state.

Removal of the transducer from a cold extruder may cause the polymer to adhere to the diaphragm, and pull off or damage the diaphragm.

A transducer should never be installed into a mounting hole where there is solid polymer. If the diaphragm is forced against a solid, the transducer can easily be overloaded and left with a very high zero offset - too high to be rezeroed by the zero potentiometer on the instrument or even damage the tip altogether.

ALWAYS CLEAN and CHECK TIP RECESSON before reinserting transducer.

C. TIP CLEANING

If the transducer is removed from the barrel and it is still warm, the tip can be carefully cleaned with a clean soft cloth.

D. HOLE CLEANING

Mounting holes should always be cleaned prior to installation. Any burrs or hardened polymer material may cause the diaphragm to be damaged during installation.

As the inner extruder barrel wears, it can reduce the size of the transducer hole.

Cleaning kits are available from MPI for 1/2-20UNF and M18x1.5 transducer holes and this will help ensure hole is maintained at the right size..

E. CHECK TIP RECESSON BEFORE REINSERTING

As the extruder barrel wears, the transducer tip will get closer and closer to the inner barrel wall. If it is allowed to be flush with the extruder inner barrel wall, it will wear at the same rate as the inner wall. MPI recommends maintaining a minimum 0.02" recession. Copper shims can be made to push the tip away from inner wall.

F. KEEP TRANSDUCERS DRY

Do not allow oil or water to come in contact with transducer or cables.

DIAPHRAGM COMPARISON

Diaphragm Material	Application	Performance
Diamond Particulate on Inconel 718	All Applications	Ultimate for high Abrasion Good Corrosion Resistance
Inconel 718 (MPI Standard)	All Applications	Excellent Abrasion Resistance Good Corrosion Resistance
Hastalloy C-276	PVC or Teflon processing (Max 600°F)	Fair Abrasion Resistance Excellent Corrosion Resistance
Titanium Nitride	High Abrasion	Good Abrasion Resistance Fair Corrosion Resistance
Armoloy	Low Abrasion	Fair Abrasion Resistance Fair Corrosion Resistance
Electroless Nickel	Low Abrasion	Fair Abrasion Resistance Fair Corrosion Resistance

- HIGH ABRASION APPLICATIONS

- GOOD FOR MOST APPLICATIONS

PRESSURE CONVERTER

psi	bar	Kg/cm2	kpa	Mpa
1	0.06895	0.070307	6.8948	0.0068948
14.504	1	1.0197	100	0.1
14.223	0.98066	1	98.066	0.098066
0.14504	0.01	0.010197	1	0.001
145.04	10	10.197	1000	1

MG100 & MG200 SERIES



MG100 - Rigid Stem



MG200 - Rigid Stem + Flex



MG1	X	P XX	X	X	X	X
00 - 6" Stem	5	M - Psi x 1000	S - 90 - 260VAC	DIAPHRAGM	RETRANS	
10 - 12" Stem	10	B - BAR x 100	D - 24V - AC/DC	S - STANDARD INCONEL	M - 4-20mA	
	20			H - HASTELLOY	1 - 0-20mA	
				3 - TRIPLE WEAR TIP	5 - 0-5VDC	
					10- 0-10VDC	

STOCK LIST - MG100		
PART#	PRESS (psi)	STEM
MG100-P5MSSM	5,000	6"
MG100-P10MSSM	10,000	6"

MG2	X	X	P XX	X	X	X
0 - 6" Stem	0 - 30" Flex	5	M - Psi x 1000	S - 90 - 260VAC	DIAPHRAGM	RETRANS
1 - 12" Stem	1 - 60" Flex	10	B - BAR x 100	D - 24V - AC/DC	S - STANDARD INCONEL	M - 4-20mA
		20			H - HASTELLOY	1 - 0-20mA
					3 - TRIPLE WEAR TIP	5 - 0-5VDC
						10- 0-10VDC

STOCK LIST - MG200			
PART#	PRESS (psi)	STEM	FLEX
MG200-P5MSSM	5,000	6"	30"
MG200-P10MSSM	10,000	6"	30"

FEATURES MG100/200

COMPLETE MELT PRESSURE + Alarm SYSTEM
 Large 5-DIGIT DIGITAL Display (0.8"High)
 ALARM RELAY (NO/NC 240VAC, 5A)
 LED BAR GRAPHS - Process & Set Value
 REPAIRABLE sensor
 90-260VAC Power
 6" Stem
 30" Flex Hose (MG200)
 1% combined error
 750°F (400°C) Rating
 Ranges from 0-500 to 0-20,000psi
 STANDARD DIAPHRAGM - INCONEL
 PROCESS VALUE RETRANSMISSION (4-20mA)
 STANDARD THREAD (1/2-20UNF)

OPTIONS MG100/200

RETRANSMISSION OPTIONS :
 0-5, 0-10VDC 0-20mA
 12" STEM
 60" Flex Hose (MG200)
 OPTIONAL DIAPHRAGMS
 Hastelloy, Titanium Nitride
 Incoloy Tip & Threads
 THREADS (M18x1.5)
 POWER 24V-AC/DC
MERCURY FREE



MGX SERIES



**MGX - Rigid Stem + Flex
c/w Thermocouple J**



MGX	X	X	P XX	X	X	X
J - T/C	0 - 6" Stem	0 - 30" Flex	5	M - Psi x 1000	S - 90 - 260VAC	DIAPHRAGM
K - T/C	1 - 12" Stem	1 - 60" Flex	10	B - BAR x 100	D - 24V - AC/DC	S - STANDARD INCONEL
P - Pt100			20			H - HASTELLOY
						3 - TRIPLE WEAR TIP
						10- 0-10VDC

STOCK LIST - MGX00			
PART#	PRESS (psi)	STEM	FLEX
MGJ00-P5MSSM	5,000	6"	30"
MGJ00-P10MSSM	10,000	6"	30"

FEATURES MGX

same as MG200 Plus
 Thermocouple J (Field replaceable)

OPTIONS MGX

same as MG200 Plus
 Temperature Sensors K, Pt100 RTD

SPECIFICATIONS

PERFORMANCE

RANGES - 1500 to 30,000psi
 MAX ERROR - +/-3%
 ZERO ADJUST - 20% Full Scale

TEMPERATURE

MAX TIP TEMP - 750°F (400°C)
 ZERO SHIFT - 35psi / 100°F
 MAX HOUSING TEMP - 275°F (135°C)

MECHANICAL & MATERIALS

CASE - Stainless Steel
 WINDOW - Safety Glass
 OVERLOAD - 1.5x Full Scale
 MOUNTING TORQUE - 150(min) - 500(max) inch-lbs
 DIAPHRAGM - Standard - Inconel
 Option - Hastelloy

MECHANICAL GAUGES

STANDARD FEATURES

LOCAL READING - NO POWER
 LARGE 4.4" ROUND DIAL - ROTATES 270°F
 RANGES - 1500psi to 30,000psi
 3% ACCURACY
 750°F(400°C) MERCURY FILL
 INCONEL TIP - 1/2"-20UNF THREAD

OPTIONS

TIP OPTIONS: Hastelloy,
 Titanium Nitride
 THREAD OPTIONS: M18x1.5, Custom
660°F(350°C) MERCURY FREE FILL
1000°F(538°C) NaK Fill

MPG100



MPG1XX - P XX

00 - 6" Stem
 10 - 12" Stem

1.5 - 1,500psi
 3 - 3,000psi
 5 - 5,000psi
 10 - 10,000psi
 Custom

X

M - Psi x 1000
 B - Bar x 100
 P - MPa

X

S - Standard Inconel
 C - Chromium Nitride
 T - Titanium Nitride
 I - Inconel Tip + Threads
 H - Hastelloy
 D - Diamond Particulate

X

- - Mercury Fill
 F - Mercury Free Fill
 K - NaK Mercury Free Fill
 U - Stem Up

STOCK LIST

PART#	STEM	FLEX	PRESSURE
MPG100-P1.5MS	6"		1500psi
MPG100-P3MS	6"		3000psi
MPG100-P5MS	6"		5000psi
MPG100-P10MS	6"		10000psi
MPG100-P15MS	6"		15000psi
MPG100-P20MS	6"		20000psi
MPG110-P1.5MS	12"		1500psi
MPG110-P3MS	12"		3000psi
MPG110-P5MS	12"		5000psi
MPG110-P10MS	12"		10000psi

MPG200



MPG2X X - P XX

0 - 6" Stem
 1 - 12" Stem

0 - 30" Flex
 1 - 60" Flex

1.5 - 1,500psi
 3 - 3,000psi
 5 - 5,000psi
 10 - 10,000psi
 Custom

X

M - Psi x 1000
 B - Bar x 100
 P - MPa

X

S - Standard Inconel
 C - Chromium Nitride
 T - Titanium Nitride
 I - Inconel Tip + Threads
 H - Hastelloy
 D - Diamond Particulate

X

- - Mercury Fill
 F - Mercury Free Fill
 K - NaK Mercury Free Fill

STOCK LIST

PART#	STEM	FLEX	PRESSURE
MPG200-P5MS	6"	30"	5000psi
MPG200-P10MS	6"	30"	10000psi
MPG200-P15MS	6"	30"	15000psi
MPG200-P20MS	6"	30"	20000psi
MPG200-P30MS	6"	30"	30000psi
MPG260-P10MS	6"	60"	10000psi
MPG210-P10MS	12"	30"	10000psi

MPGX00



MPG X

J - Thermocouple J
 K - Thermocouple K
 RTD - PT100 Sensor

X

0 - 6" Stem
 1 - 12" Stem

0 - 30" Flex
 1 - 60" Flex

1.5 - 1,500psi
 3 - 3,000psi
 5 - 5,000psi
 10 - 10,000psi
 Custom

X

M - Psi x 1000
 B - Bar x 100
 P - MPa

X

S - Standard Inconel
 C - Chromium Nitride
 T - Titanium Nitride
 I - Inconel Tip + Threads
 H - Hastelloy
 D - Diamond Particulate

X

- - Mercury Fill
 F - Mercury Free Fill
 K - NaK Mercury Free Fill

STOCK LIST

PART#	STEM	FLEX	PRESSURE
MPGJ00-P5MS	6"	30"	5,000psi
MPGJ00-P10MS	6"	30"	10,000psi
MPG100-P5MS	12"	30"	10,000psi

SPECIFICATIONS

PERFORMANCE

RANGES - 1500 to 30,000psi
 MAX ERROR - +/-3%
 ZERO ADJUST - 20% Full Scale

TEMPERATURE

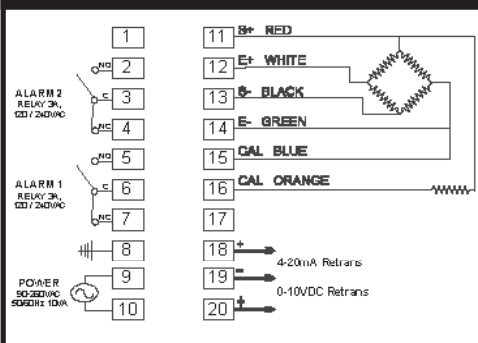
MAX TIP TEMP - 750°F (400°C)
 ZERO SHIFT - 35psi / 100°F
 MAX HOUSING TEMP - 275°F (135°C)

MECHANICAL & MATERIALS

CASE - Stainless Steel
 WINDOW - Safety Glass
 OVERLOAD - 1.5x Full Scale
 MOUNTING TORQUE - 150(min) - 500(max) inch-lbs
 DIAPHRAGM - Standard - Inconel
 Option - Hastelloy



TERMINAL CONFIGURATION



STANDARD

350ohm STRAIN GAGE INPUT
SCALEABLE RANGE
2 CONFIGURABLE ALARMS
HIGH/LOW/OFF
AUTO / MANUAL CALIBRATION
MANUAL ZERO
LOCKOUT
PROCESS VALUE - RETRANS
OPTION - 24VDC

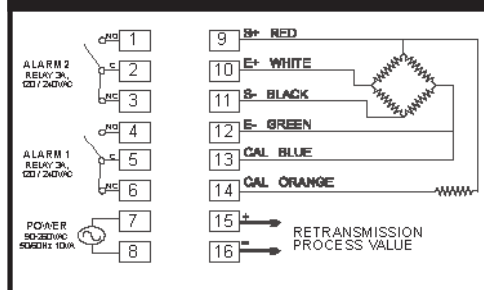
MODEL CODE MP9410-PRR -

RETRANS of PV	-	Power
M 4-20mA	-	85-265VAC
0 0-10mA	24V	24VDC
1 0-20mA		
5 0-5V		
6 1-5V		
10 0-10V		

MP9610 - PRESSURE INDICATOR ALARM - 1/4DIN



TERMINAL CONFIGURATION



STANDARD

350ohm STRAIN GAGE INPUT
SCALEABLE RANGE
2 CONFIGURABLE ALARMS
HIGH/LOW/OFF
AUTO/MANUAL CALIBRATION
MANUAL ZERO
LOCKOUT
PROCESS VALUE - RETRANS
OPTION - 24VDC

MODEL CODE MP9610-PRR -

RETRANS of PV	-	Power
M 4-20mA	-	85-265VAC
0 0-10mA	24V	24VDC
1 0-20mA		
5 0-5V		
6 1-5V		
10 0-10V		

SPECIFICATIONS - MP9410 & MP9610

INPUT - PRESSURE TRANSDUCER

350ohm STRAIN GAUGE 2.00-4.00mV/V standard 3.30mV/V
EXCITATION VOLTAGE 10VDC
ACCURACY +/-0.5%
SAMPLE RATE 100mS

ALARM OUTPUTS

ALARM 1 5A/240VAC resistive NO/NC
ALARM 2 5A/240VAC resistive NO/NC

RETRANSMISSION of PROCESS VALUE

CURRENT 4-20mA, 0-20mA, 0-10mA Max load 500 ohm
VOLTAGE 0-5VDC, 1-5VDC Max 20mA

POWER

RATING 85 - 265 VAC 50/60Hz 10VA max

ENVIRONMENTAL

OPERATING TEMP -10 - 50C
HUMIDITY 90% MAX
INSULATION 20M ohms minimum @ 500VDC
WEIGHT 300g

PHYSICAL DIMENSIONS

MP9410 96mmW x 48mmH x 100mmD
MP9410 Cutout 91mmW x 45mmH +/-0.5mm
MP9610 96mmW x 96mmH x 100mmD
MP9610 Cutout 91mmW x 91mmH +/-0.5mm



STANDARD FEATURES

INPUT - 350ohm STRAIN GAUGE
0.8" HIGH 5-DIGIT DISPLAY
LED BAR GRAPHS - Process+Set Value
0-5000psi + 0-10,000psi RANGES
ALARM - High or Low (NO/NC 240V,5A)
POWER - 90-260VAC
1% ACCURACY, MANUAL ZERO
PROCESS VALUE RETRANS - 4-20mA
60" FLEX HOSE, 6pin BAYONET CONNECT.

ORDER CODE

MG-IND - P - Scale - PV Retrains - Cable Length - Connector - Power

5M - 5,000psi	M - 4-20mA
10M - 10,000psi	0 - 0-10mA
Custom	1 - 0-20mA
	5 - 0-5VDC
	6 - 0-6VDC
	10 - 0-10VDC

6 - 6ft (2m)	6B - 6pin Bayonet	- 85-265VAC
12 - 12ft (3.7m)	6S - 6pin Screw	24V - 24V-AC/DC
25 - 25ft (7.7m)	8S - 8pin Screw	

OPTIONS

RETRANSMISSION OPTIONS :
0-5, 0-10VDC or 0-20mA
POWER - 24V-AC/DC
CONNECTOR - 6pin Screw
8pin Screw

SPECIFICATIONS - MG-IND

INPUT - PRESSURE TRANSDUCER

350ohm STRAIN GAUGE - 3.33mV/V
EXCITATION VOLTAGE - 10VDC
ACCURACY - 1%

RETRANS of PROCESS VALUE

CURRENT - 4-20mA, 0-10mA, 0-20mA
VOLTAGE - 0-5, 1-5, 0-10VDC

ALARM OUTPUT

Alarms 3A/240VAC resistive.

POWER

Standard 85-265VAC 50/60Hz 10VA
Option 24V AC/DC

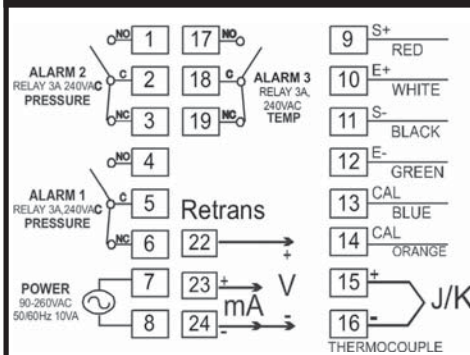
ENVIRONMENTAL

Temp&Humid. 10-55degC, 0-95%RH
Insulation 20M ohms min@500VDC
Weight 250-375g

MPT9610 - PRESSURE & TEMP INDICATOR ALARM - 1/4 DIN



TERMINAL CONFIGURATION



STANDARD

PRESSURE TRANSDUCER INPUT
SCALEABLE RANGE
3 CONFIGURABLE ALARMS
HIGH/LOW/OFF TEMP or PRESS
AUTO or MANUAL CALIBRATION
MANUAL ZERO
PROCESS VALUE - RETRANS
THERMOCOUPLE J INPUT
LOCKOUT
OPTION - 24VDC

ORDER CODE

MPT9610-PTRRR -

RETRANS of PV	Power
M 4-20mA	85-265VAC
0 0-10mA	24VDC
1 0-20mA	
5 0-5V	
6 1-5V	
10 0-10V	

SPECIFICATIONS - MPT9610

INPUTS

PRESSURE TRANSDUCER 350ohm STRAIN GAUGE,
2.00 - 4.00mV/V, standard 3.3mV/V
EXCIT 10VDC
TEMPERATURE THERMOCOUPLE J
ACCURACY +/-0.5%
SAMPLE RATE 100ms

ALARM OUTPUTS

ALARM 1, 2, 3 5A/240VAC resistive

POWER

RATING 85 - 265 VAC 50/60Hz 10VA max

RETRANSMISSION of PRESSURE VALUE

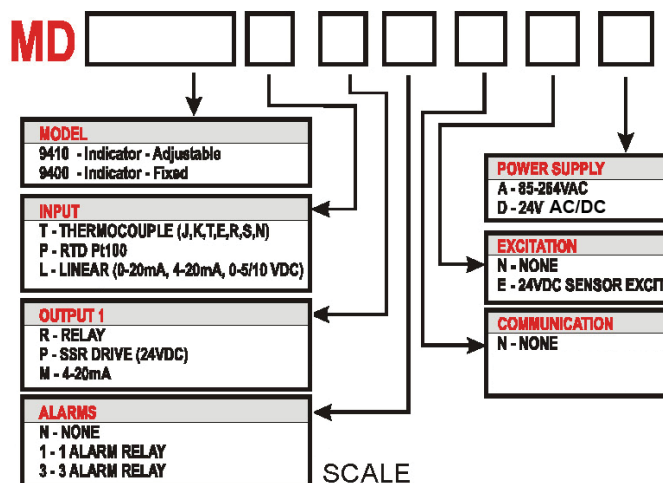
CURRENT 4-20mA, 0-20mA, 0-10mA Max load 500 ohm
VOLTAGE 0-10VDC, 0-5VDC, 1-5VDC Max 20mA

ENVIRONMENTAL

OPERAT TEMP -10 - 50C
HUMIDITY 90% MAX
INSULATION 20M ohms minimum @ 500VDC

PHYSICAL DIMENSIONS

MPT9610 96mmW x 96mmH x 100mmD
MPT9610 Cutout 91mmW x 91mmH +/-0.5mm
WEIGHT 300g

**STANDARD**

0.8" LARGE 3.5 DIGIT DISPLAY
INPUT TC,RTD,4-20mA, 0-10VDC
3.5 DIGIT DISPLAY
PROGRAMMABLE SCALING
POWER - 90 - 260VAC

OPTIONS

1, 3 ALARM OUTPUT
4-20mA RETRANSMISSION
24VDC SENSOR EXCITATION
POWER - 24V AC/DC

SPECIFICATIONS - MD SERIES**INPUT**

Thermocouple J, K, T, E, B, R, S, N
RTD Pt100 ohms RTD (DIN)
Range Config -1999 to +9999
Accuracy 0.25% +/-1 DIGIT
Sample Rate 200mS

ENVIRONMENT

Temp&Humid. 0-55degC, 0-95%RH
Insulation 20M ohms min @ 500VDC

PHYSICAL

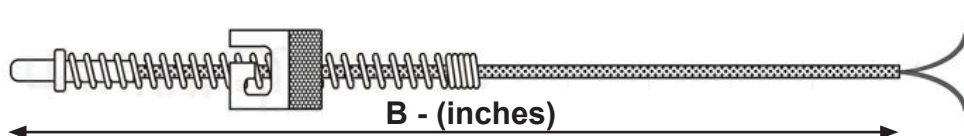
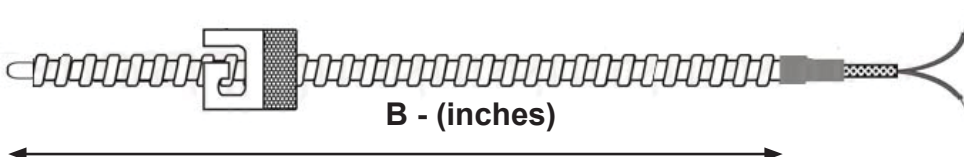
Size 96x48x100mm (1/8DIN)
Panel cutout 92mmx45mm
Display 4 DIGIT, 13mm LED
Weight 250-375g

POWER

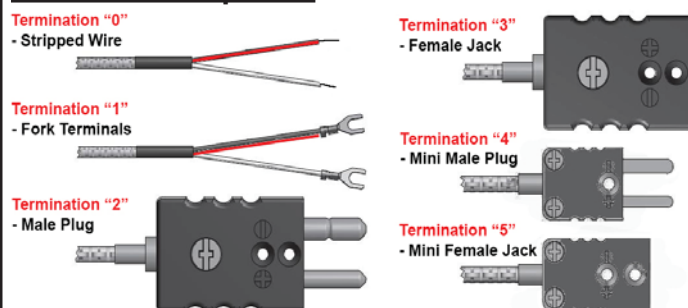
Standard 85-265VAC 50/60Hz 6VA
Option 24V AC/DC

OUTPUT

Alarms (3 max) 3A/240VAC resistive.
PV Retrans Isolated 0/4-20mADC

TEMPERATURE SENSORS - T/C's and RTD's**A500 / A510 - ADJUSTABLE BAYONET THERMOCOUPLES + RTD's****A500 STYLE**
(S/S Braid)**A510 STYLE**
(S/S Armour)**Order Code**

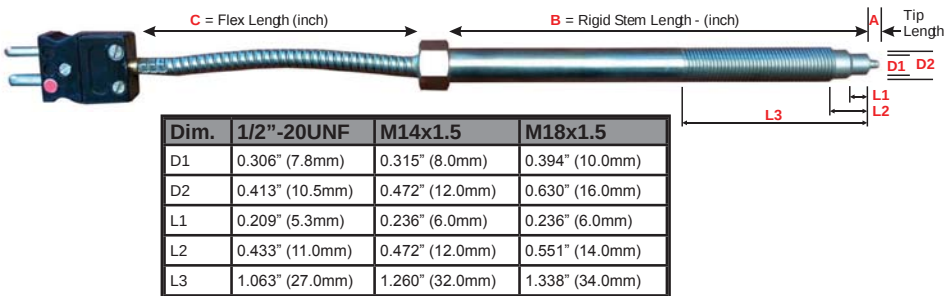
Model	Type	B	Termination	Options
A500 (S/S Braid)	J - T/C J	48"	0 - Stripped Wire	- None
A510 (S/S Hose)	K - T/C K	72"	1 - Fork Terminals	U - Ungrounded
	RTD - PT100	96"	2 - Standard Male Plug	B - Bayonet Adaptor
	RTD	120"	3 - Standard Female Plug	1/8"NPT x 7/8"L
		180"	4 - Mini Male Plug	Metric Caps
	Custom		5 - Mini Female Plug	- Call Factory

Termination Options

DESCRIPTION

A400 Series Melt Bolt Thermocouples and RTD's are ideal to measure polymer temperature inside the extrusion or injection molding machine. The tip can stick as much as 1" (25mm) into the plastic flow. The temperature sensors are designed to fit in the exact same hole as our melt pressure transducers / Transmitters.

A400 - Melt Bolt T/C and RTD

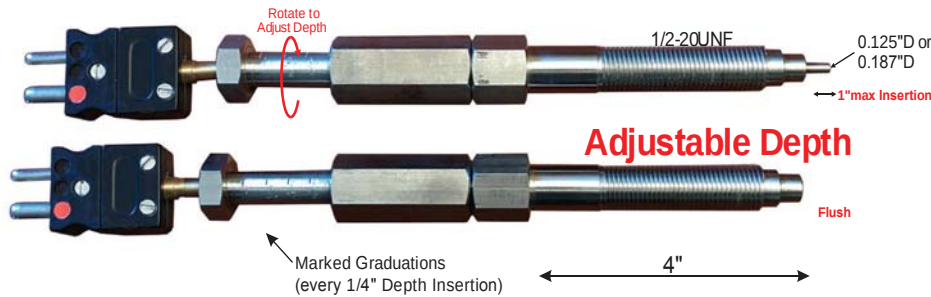


STANDARD FEATURES

Max Pressure : 20,000psi (1400bar)
 Max Temp : 900°F (450°C)
 Body : 304 S/S
 Tip Length : Flush to 1" (0-25mm)
 Threads : 1/2-20UNF, M14X1.5, M18x1.5
 Sensor : Thermocouple J/K, PT100 RTD
 Bolt Length : 2" - 12" (50-305mm)

Fits Standard Melt Pressure Transducer Hole

A40A - Melt Bolt T/C and RTD - Adjustable Style

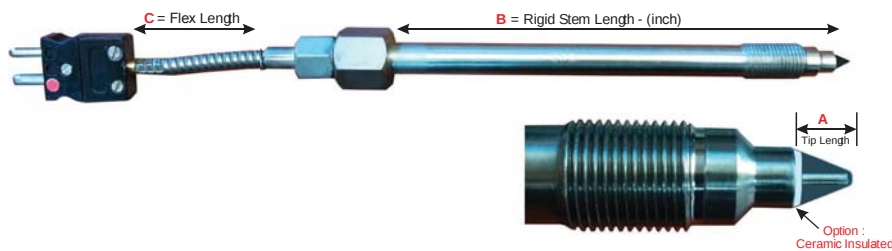


STANDARD FEATURES

Max Pressure : 10,000psi (700bar)
 Max Temp : 500°F (260°C)
 Body : 304 S/S
 Tip Length : Flush to 1" (0-25mm)
 (Adjustable under Pressure)

Fits Standard Melt Pressure Transducer Hole

A40C - Melt Bolt T/C and RTD - Conical Style

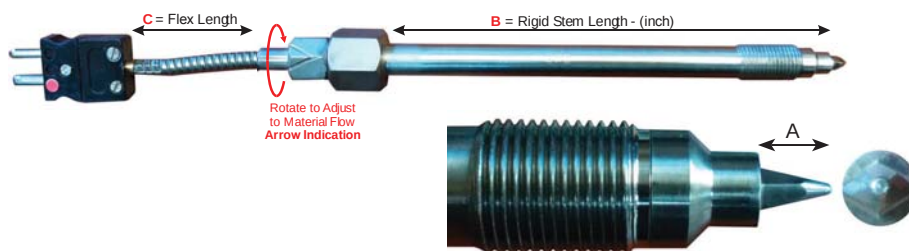


STANDARD FEATURES

Max Pressure : 15,000psi (1000bar)
 Max Temp : 900°F (450°C)
 Body : 304 S/S
 Tip Length : Flush to 1" (0-25mm)
 Option : Ceramic insulated Tip

Fits Standard Melt Pressure Transducer Hole

A40B - Melt Bolt T/C and RTD - Blade Style



STANDARD FEATURES

Max Pressure : 15,000psi (1000bar)
 Max Temp : 900°F (450°C)
 Body : 304 S/S
 Tip Length : Flush to 1" (0-25mm)
 Blade : Can be adjusted to flow direction

Fits Standard Melt Pressure Transducer Hole

Order Code

Model	Type	A	B	C	Termination	Lead Type	Options
A400	- 1/8"D Tip	J - T/C J	0	3" (76mm)	0" - Stripped Wire	N - None	N - 1/2"-20UNF Grounded
A403	- 3/16"D Tip	K - T/C K	1/8" (3.2mm)	4" (101mm)	1 - Fork Terminals	FS - F/G (Fiberglass Stranded)	U - Ungrounded
A40A	- 1/8"D Adjustable	RTD - PT100	3/16" (4.7mm)	6" (152mm)	2 - Standard Male Plug	B - F/G + S/S Braid	M18 - M18x1.5 Thread
A40A3	- 3/16"D Adjustable	RTD	1/4" (6.3mm)	8" (203mm)	3 - Standard Female Plug	H - F/G + S/S Hose/Armour	M14 - M14x1.5 Thread
A40C	- Conical Tip		Custom	Custom	4 - Mini Male Plug		C - A40C c/w Ceramic Insulated Tip
A40B	- Blade Tip		A - Adjustable (0.0 - 1.00")	Custom	5 - Mini Female Plug		



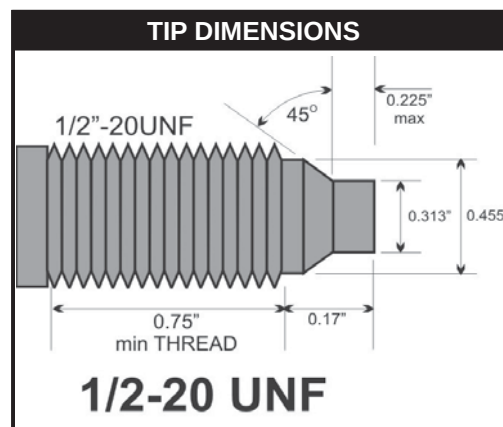
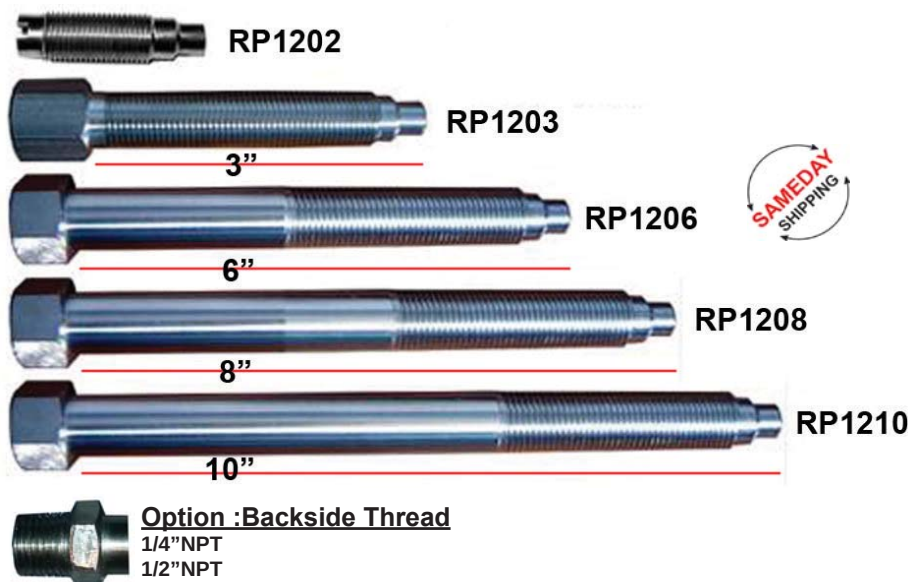
STANDARD FEATURES-

Max Temp - 750°F
Inconel Diaphragm
Standard Threads:
1/2"-20UNF
5/8"-11NC
3/4"-16NC
+/-5% Accuracy
Ranges from:
0-1500 to 14,500psi

OPTIONS

Max Temp - 1000°F
Hastelloy Diaphragm
Threads:
1"-20UNF
M18x1.5
Others
Custom Tip Dimensions

1/2"-20UNF EXTRUDER RUPTURE DISKS



STOCK LIST - 1/2"-20UNF

PRESSURE	1.82"L	3"+Hex	6"+Hex	8"+Hex	10"+Hex	12"+Hex
1500psi	RP1202-1500	RP1203-1500	RP1206-1500	RP1208-1500	RP1210-1500	RP1212-1500
2500psi	RP1202-2500	RP1203-2500	RP1206-2500	RP1208-2500	RP1210-2500	RP1212-2500
3500psi	RP1202-3500	RP1203-3500	RP1206-3500	RP1208-3500	RP1210-3500	RP1212-3500
4500psi	RP1202-4500	RP1203-4500	RP1206-4500	RP1208-4500	RP1210-4500	RP1212-4500
5000psi	RP1202-5000	RP1203-5000	RP1206-5000	RP1208-5000	RP1210-5000	RP1212-5000
5500psi	RP1202-5500	RP1203-5500	RP1206-5500	RP1208-5500	RP1210-5500	RP1212-5500
6500psi	RP1202-6500	RP1203-6500	RP1206-6500	RP1208-6500	RP1210-6500	RP1212-6500
7500psi	RP1202-7500	RP1203-7500	RP1206-7500	RP1208-7500	RP1210-7500	RP1212-7500
8500psi	RP1202-8500	RP1203-8500	RP1206-8500	RP1208-8500	RP1210-8500	RP1212-8500
9000psi	RP1202-9000	RP1203-9000	RP1206-9000	RP1208-9000	RP1210-9000	RP1212-9000
9500psi	RP1202-9500	RP1203-9500	RP1206-9500	RP1208-9500	RP1210-9500	RP1212-9500
10000psi	RP1202-10000	RP1203-10000	RP1206-10000	RP1208-10000	RP1210-10000	RP1212-10000
10500psi	RP1202-10500	RP1203-10500	RP1206-10500	RP1208-10500	RP1210-10500	RP1212-10500
11000psi		RP1203-11000	RP1206-11000	RP1208-11000	RP1210-11000	RP1212-11000
12000psi	RP1202-12000	RP1203-12000	RP1206-12000	RP1208-12000	RP1210-12000	RP1212-12000
14500psi	RP1202-14500	RP1203-14500	RP1206-14500	RP1208-14500	RP1210-14500	RP1212-14500

5/8"-11NC EXTRUDER RUPTURE DISKS



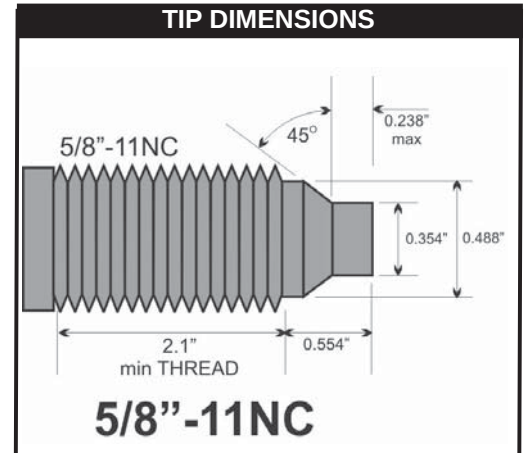
RP584 - 4"L



RP587 - 7"L

STOCK LIST - 5/8"-16NC

PRESSURE	4" L	7" L	9" L
5000psi	RP5804-5000	RP5807-5000	RP5809-5000
7500psi	RP5804-7500	RP5807-7500	RP5809-7500
10000psi	RP5804-10000	RP5807-10000	RP5809-10000



3/4"-16NC EXTRUDER RUPTURE DISKS



RP344 - 4"L



RP345 - 5.5"L



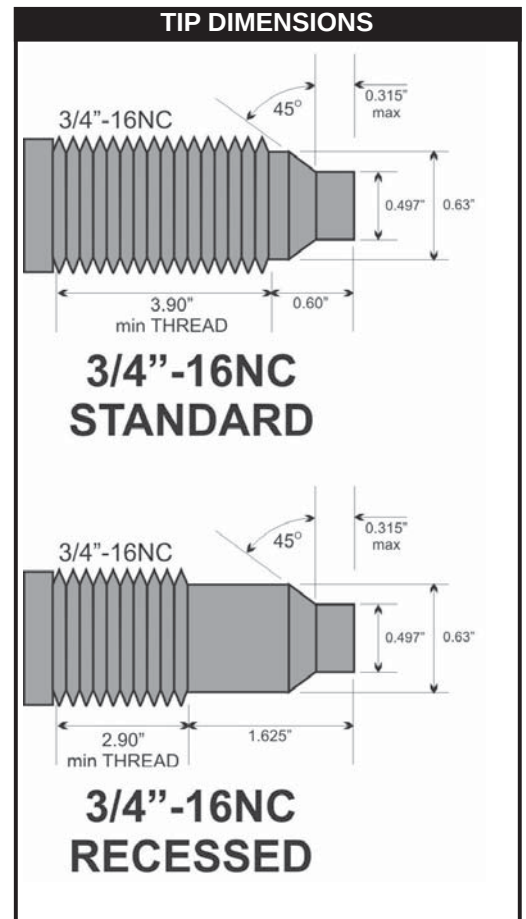
RP345R - 5.5"L



RP349 - 9"L



RP349R - 9"L



STOCK LIST - 3/4"-16NC

MODEL	5000psi	7500psi	9000psi	10,000psi
4"	RP3404-5000	RP3404-7500	RP3404-9000	RP3404-10000
4"R	RP3404R-5000	RP3404R-7500	RP3404R-9000	RP3404R-10000
5"	RP3405-5000	RP3405-7500	RP3405-9000	RP3405-10000
5"R	RP3405R-5000	RP3405R-7500	RP3405R-9000	RP3405R-10000
8"	RP3408-5000	RP3408-7500	RP3408-9000	RP3408-10000
8"R	RP3408R-5000	RP3408R-7500	RP3408R-9000	RP3408R-10000
9"	RP3409-5000	RP3409-7500	RP3409-9000	RP3409-10000
9"R	RP3409R-5000	RP3409R-7500	RP3409R-9000	RP3409R-10000



MT-IND

MT-IND :
Mounted on
Transmitters**STANDARD**

0.28" LARGE 4DIGIT DISPLAY
 INPUT 4-20mA
 PROGRAMMABLE SCALING
 POWER - 4-20mA LOOP POWER
 REVERSE POLARITY PROTECTION-
 4PIN CONNECTOR
 IP65 (after mounting on transmitter)

SPECIFICATIONS - MT-IND**DISPLAY**

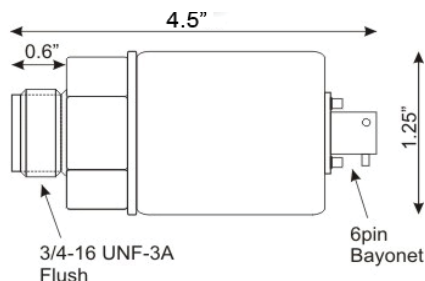
TYPE : 4 DIGIT LED (0.28"H)
 RANGE : -1.9.9.9. to 9.9.9.9
 ACCURACY : 0.1%+/-1 Digit
 DIGITAL
 DAMPING : 0 - 20s

ELECTRICAL

SUPPLY : 4-20mA LOOP
 VOLT DROP : <2.5V
 PROTECTION : SHORT CIRCUIT
 REVERSE
 POLARITY : MAX 200mA

ENVIRONMENT

OPERATING TEMP : -20 to 70C
 STORAGE TEMP : -30 to 85C
 PROTECTION : IP65 (connected)
 WEIGHT : 80g
 HOUSING : BLACK

MHP320 FLUSH MOUNT TRANSDUCER / TRANSMITTER**FEATURES**

Flush Mount Pressure Port
 Standard 3/4-16UNF-3A
 Zero Volume - Ideal for Viscous Materials
 Output - 3 mV/V
 Accuracy +/-0.5%
 Internal Shunt Cal - 80%
 250°F (120°C) Rating
 Ranges from 0-15 to 0-10,000psi

OPTIONS

OUTPUT OPTIONS
 4-20mA
 0-5VDC 0-10VDC
 Connector - 4 Pole DIN
 Custom Pressure Port

ORDER CODE

MHP32	X	- X	XX	X	X	X
1 - 3.3mV/V	P - 0psi Low Pressure	1	S - Psi	S - 3/4-16UNF-3A	S - 6pin Bayonet	
2 - 2.5mV/V	V - (-14.7psi) Vacuum	1.5	C - Psi x 100	4 - 4pin DIN		
4 - 4-20mA	Low Pressure	3	M - Psi x 1000			
5 - 0-5VDC		5	B - Bar x 100			
6 - 1-5VDC		7.5 15	P - MPa			
7 - 0-10VDC		10 20				

SPECIFICATIONS**MECHANICAL**

Ranges: 0-15 to 0-20,000psi
 Max Error: 0.5% of FS
 Repeatability: +/-0.2%
 Overload Capab: 2x FS
 Enclosure Rating: IP65
 Wetted Materials: 17-4PH S/S

TEMPERATURE

Max Diaph. Temp: 250°F(120°C)
 Zero Shift of Diaph.: 0.15% of FS
 Max Housing Temp: 250°F(120°C)

ELECTRICAL

Measuring Sensor: 350ohm Wheatstone Bridge
 Internal Shunt Cal(MHP): 80% of FS
 Zero & Span Adjust(MHT): +/-0.15% of FS
 Response Time: 15mS
 Excitation(MHP): 2.5 or 3mV/V (exc. 7-12V rec.10)
 Excitation(MHT): 0-10V(14-36V) 0-5V(11-36V)
 4-20mA(14-36V)

MHP SERIES TRANSDUCERS



MHP - Transducer

FEATURES MHP

Standard 3mV/V
Standard 1/4"-18 NPT Male
6pin Bayonet Connector
0.5% combined error
80% Output Calibration
250°F (120°C) Rating
Ranges from
0-15 to 0-30,000psi
Wetted Parts
ALL STAINLESS STEEL

OPTIONS MHP

OUTPUT OPTIONS
2.5, 3mV/V
CONNECTOR OPTIONS
4 Pole DIN
PRESSURE PORT
1/8"-27 NPT Female
1/8"-27 NPT Male

MHP - X

3 - 3mV/V
2 - 2.5mV/V
1
1.5
3
5
7.5
10
15 30
20 50

P XX X

M - Psi x1000
C - Psi x100
B - BAR x100
P - Psi

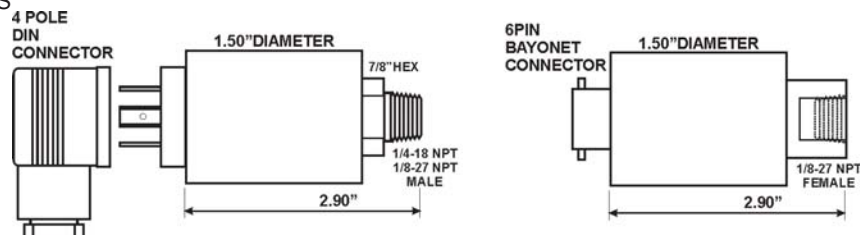
X

S - 6PIN BAYONET
4 - 4POLE DIN

X

S - 1/4"-18 NPT MALE
8M - 1/8"-27 NPT MALE
8F - 1/8"-27 NPT FEMALE

STOCK LIST - MHP (3mV/V)		
PRESS (psi)	1/8-27NPT (female)	1/4-18NPT (male)
500	✓	✓
1,000	✓	✓
2,500	✓	✓
3,000	✓	✓
5,000	✓	✓
10,000	✓	✓



MHT SERIES TRANSMITTERS



MHT - Transmitter

FEATURES MHT

Standard 4-20mA
Standard 1/4"-18 NPT Male
6pin Bayonet Connector
0.5% combined error
80% Output Calibration
250°F (120°C) Rating
Ranges from
0-15 to 0-30,000psi
WETTED PARTS
ALL STAINLESS STEEL

OPTIONS MHT

OUTPUT OPTIONS
0-20mA 0-5VDC 0-10VDC
CONNECTOR OPTIONS
4 Pole DIN
PRESSURE PORT
1/8"-27 NPT Female
1/8"-27 NPT Male

MHT - X

4 - 4-20mA
5 - 0-5VDC
6 - 1-6VDC(3WIRE)
7 - 0-10VDC
8 - 1-11VDC(3WIRE)
1
1.5
3
5
7.5
10
15 30
20 50

P XX X

M - Psi x1000
C - Psi x100
B - BAR x100
P - Psi

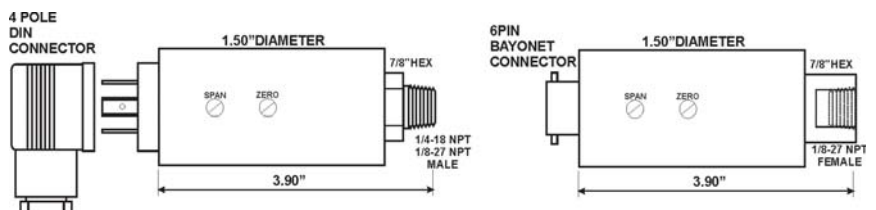
X

S - 6PIN BAYONET
4 - 4POLE DIN

X

S - 1/4"-18 NPT MALE
8M - 1/8"-27 NPT MALE
8F - 1/8"-27 NPT FEMALE

STOCK LIST - MHT			
OUTPUT	PRESS (psi)	1/8-27NPT (female)	1/4-18NPT (male)
4-20mA	500	✓	✓
	1,000	✓	✓
and	2,500	✓	✓
	3,000	✓	✓
0-10VDC	5,000	✓	✓
	10,000	✓	✓



SPECIFICATIONS

MECHANICAL

Ranges: 0-15 to 0-20,000psi
Max Error: 0.5% of FS
Repeatability: +/-0.2%
Overload Capab: 2x FS
Enclosure Rating: IP65

TEMPERATURE

Max Diaph. Temp: 250°F(120°C)
Zero Shift of Diaph.: 0.15% of FS
Max Housing Temp: 250°F(120°C)

ELECTRICAL

Measuring Sensor: 350ohm Wheatstone Bridge
Internal Shunt Cal(MHP): 80% of FS
Zero & Span Adjust(MHT): +/-0.15% of FS
Response Time: 15mS
Excitation(MHP): 2.5 or 3mV/V (exc. 7-12V rec.10)
Excitation(MHT): 0-10V(14-36V) 0-5V(11-36V)
4-20mA(14-36V)

MPI Melt Pressure Inc. - About Us

MPI Melt Pressure has built Melt Pressure Transducers and Transmitters at our factory in Toronto, Canada since 1999. MPI engineers bring over 50 years of experience visiting and solving technical problems in the plastic extrusion industry in some of the most difficult environments. During this time we have experienced just about all the types of problems that can be encountered, and use this vast knowledge base to assist all our current customers.

Our philosophy is to provide cost competitive Melt Pressure Transducers and Transmitters with the quickest delivery and best technical support in the industry. Currently, 90% of our custom products ship out within 1-2 days. Our goal is to ship all orders the same day as we receive the order.

MPI provides full manufacturing operations in our Toronto plant including design, assembly, full testing and certifications in house. We have a fully trained manufacturing staff, with in house technicians and engineers available 12 hours, 5 days a week to aid customers with design selection and technical issues.

With continuous product development at our R&D lab we have implemented a Six Sigma philosophy with Lean manufacturing for continuous improvements. These continuous advancements translates to leading edge products with the best delivery for our customers.

Call MPI anytime you need Melt Pressure Transducer or Transmitter guidance or quick delivery of custom made products.



REPRESENTATIVE

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