

MT100 SERIES



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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
 0-500 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: 0-500 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
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)

