

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 0-500 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: 0-500 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.: 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)

