

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
 10 - 12" Stem 10 B - BAR x 100 D - 24V - AC/DC
 20

DIAPHRAGM X
 S - STANDARD INCONEL
 H - HASTELLOY
 3 - TRIPLE WEAR TIP

RETRANS X
 M - 4-20mA
 1 - 0-20mA
 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 X
 0 - 6" Stem 0 - 30" Flex 5 M - Psi x 1000 S - 90 - 260VAC
 1 - 12" Stem 1 - 60" Flex 10 B - BAR x 100 D - 24V - AC/DC
 20

DIAPHRAGM X
 S - STANDARD INCONEL
 H - HASTELLOY
 3 - TRIPLE WEAR TIP

RETRANS X
 M - 4-20mA
 1 - 0-20mA
 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 X
 J - T/C 0 - 6" Stem 0 - 30" Flex 5 M - Psi x 1000 S - 90 - 260VAC
 K - T/C 1 - 12" Stem 1 - 60" Flex 10 B - BAR x 100 D - 24V - AC/DC
 P - Pt100 20

DIAPHRAGM X
 S - STANDARD INCONEL
 H - HASTELLOY
 3 - TRIPLE WEAR TIP

RETRANS X
 M - 4-20mA
 1 - 0-20mA
 5 - 0-5VDC
 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