

## MG100 & MG200 SERIES



**MG100 - Rigid Stem**



**MG200 - Rigid Stem + Flex**



**MG1 XX P XX X - X - DIAPHRAGM - RETRANS - SPECIAL**  
 00 - 6"stem 5 M - Psi S - 90-260VAC S - Standard Inconel M - 4-20mA M18 - M18x1.5  
 10 - 12"stem 10 (x 1000) D - 24VDC I - Inconel Tip+Threads 10 - 0-10VDC M10 - M10x1.0  
 20 B - Bar H - Hastelloy Tip+Threads 5 - 0-5VDC K - NaK Fill  
 3.5 (x 100) D - (TiAlN) Titanium Mercury-Free  
 7.0 Aluminium Nitride

**MG100 - Stock List**

PART#	STEM	FLEX	PRESSURE
MG100-P5MSSM	6"		5000psi
MG110-P5MSSM	12"		5000psi
MG100-P10MSSM	6"		10000psi
MG110-P10MSSM	12"		10000psi

**MG2 XX P XX X - X - DIAPHRAGM - RETRANS - SPECIAL**  
 00 - 6"stem + 30"Flex 5 M - Psi S - 90-260VAC S - Standard Inconel M - 4-20mA M18 - M18x1.5  
 01 - 6"stem + 60"Flex 10 (x 1000) D - 24VDC I - Inconel Tip+Threads 10 - 0-10VDC M10 - M10x1.0  
 10 - 12"stem + 30"Flex 20 B - Bar H - Hastelloy Tip+Threads 5 - 0-5VDC K - NaK Fill  
 11 - 6"stem + 60"Flex 3.5 (x 100) D - (TiAlN) Titanium Mercury-Free  
 7.0 Aluminium Nitride

**MG200 - Stock List**

PART#	STEM	FLEX	PRESSURE
MG200-P5MSSM	6"	30"	5000psi
MG200-P10MSSM	6"	30"	10000psi
MG201-P10MSSM	6"	60"	10000psi

**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  
 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**



**MG X XX P XX X - X - DIAPHRAGM - RETRANS - SPECIAL**  
 J - T/c J 00 - 6"stem + 30"Flex 5 M - Psi S - 90-260VAC S - Standard Inconel M - 4-20mA M18 - M18x1.5  
 K - T/c K 01 - 6"stem + 60"Flex 10 (x 1000) D - 24VDC I - Inconel Tip+Threads 10 - 0-10VDC M10 - M10x1.0  
 P - PT100 10 - 12"stem + 30"Flex 20 B - Bar H - Hastelloy Tip+Threads 5 - 0-5VDC K - NaK Fill  
 11 - 6"stem + 60"Flex 3.5 (x 100) D - (TiAlN) Titanium Mercury-Free  
 7.0 Aluminium Nitride

**MGJ00 - Stock List**

PART#	STEM	FLEX	PRESSURE
MGJ00-P5MSSM	6"	30"	5000psi
MGJ00-P10MSSM	6"	30"	10000psi

**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