

GT791 and GT792 - REPLACEMENTS (No Wiring Changes)



Replace with



ORDER CODE Transmitters

MK791 A /6 J C Z1 -10K

Melt Pressure Transducer Model		Electrical Connection		Barrel Length		Thermocouple Type		Diaphragm Material		"Z" Options		Pressure Range**	
MK791	4-20mA Output	A	½ NPT Fitting Integral Cable Out	6	6 inch "A" Length	J	"J" Type	None	17-4 PH SST	None	Standard Unit	5C	0-500*
	MK792					0-10Volt Output	B	Bendix Connector	12	12 inch "A" Length	K	"K" Type	C
T		"T" Type	H	Hastelloy C-276	Z2						24" Integral Flexible Armored Cable	1.5K	0-1,500
R		"RTD" Type	I	Inconel 718								3K	0-3,000
					Z3						30" Integral Flexible Armored Cable	5K	0-5,000
												7.5K	0-7,500
												10K	0-10,000
15K	0-15,000												
20K	0-20,000*												
350 BAR	0-350 BAR												
700 BAR	0-700 BAR												
1400 BAR	0-1400 BAR												
500 KG	0-500 Kg/cm ²												
700 KG	0-700 Kg/cm ²												

SPECIFICATIONS - MK

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

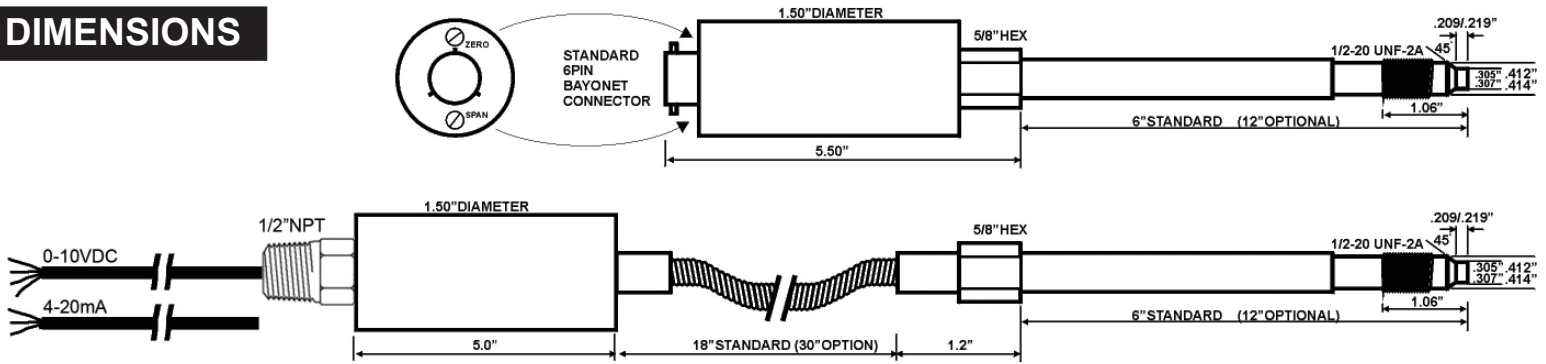
TEMPERATURE

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(): 80% of FS
Zero&Span Adjust(0-10V or 4-20mA): +/-0.15% FS
Excitation: 0-10V(14-36V) , 4-20mA(14-36V)

DIMENSIONS



WIRING : TRANSMITTERS - 6pin (D6) + 1/2"NPT+cable

4-20mA DC

PIN	4-20mA (2wire)
A (black)	OUT (+) / SIGNAL (+)
B (white)	OUT (-) / SIGNAL (-)
C (n/a)	n/a
D (n/a)	n/a
E (white)	optional T/C (+)
F (red)	optional T/C (-)

0-10V DC

PIN	VOLTAGE(4wire)
A (red)	OUT (+) / SIGNAL (+)
B (black)	OUT (-) / SIGNAL (-)
C (white)	INPUT(+) / EXCIT (+)
D (green)	INPUT(-) / EXCIT (-)
E (white)	optional T/C (+)
F (red)	optional T/C (-)

ORDER CODE :Cables

MP-CAB-72		04	30	-10
Cable Type	Thermocouple Type	Connector Type		Cable Length*
MP-CAB-72 (Teflon + F/G sleeving)	04 No Thermocouple	30	GT791B D6 (Dynisco)	10 10 Feet
	64 "J" Type			20 20 Feet
MP-CAB-75 (Teflon + S/S Armour)	74 "K" Type	13	GT792B D6 (Dynisco)	40 40 Feet
	94 "T" Type			Custom lengths available
	84 "RTD" Type			

GENTRAN - MPI - Cross Reference (**ask factory for other part numbers****)**

GT791A - 4-20mA - 1/2"NPT+cable

GENTRAN	MPI	Pressure	Stem	Armor	T/C
GT792A/6-Z1-5K	MK792A/6-Z1-5K	5,000psi	6"	18"	No
GT792A/6-Z1-10K	MK792A/6-Z1-10K	10,000psi	6"	18"	No
GT792A/6J-Z1-5K	MK792A/6J-Z1-5K	5,000psi	6"	18"	J
GT792A/6J-Z1-10K	MK792A/6J-Z1-10K	10,000psi	6"	18"	J

GT791B - 4-20mA - Dynisco 6pin (D6)

GENTRAN	MPI	Pressure	Stem	Armor	T/C
GT792B/6-Z1-5K	MK792B/6-Z1-5K	5,000psi	6"	18"	No
GT792B/6-Z1-10K	MK792B/6-Z1-10K	10,000psi	6"	18"	No
GT792B/6J-Z1-5K	MK792B/6J-Z1-5K	5,000psi	6"	18"	J
GT792B/6J-Z1-10K	MK792B/6J-Z1-10K	10,000psi	6"	18"	J

GT792A - 0-10VDC - 1/2"NPT+cable

GENTRAN	MPI	Pressure	Stem	Armor	T/C
GT792A/6-Z1-5K	MK792A/6-Z1-5K	5,000psi	6"	18"	No
GT792A/6-Z1-10K	MK792A/6-Z1-10K	10,000psi	6"	18"	No
GT792A/6J-Z1-5K	MK792A/6J-Z1-5K	5,000psi	6"	18"	J
GT792A/6J-Z1-10K	MK792A/6J-Z1-10K	10,000psi	6"	18"	J

GT792B - 0-10VDC - Dynisco 6pin (D6)

GENTRAN	MPI	Pressure	Stem	Armor	T/C
GT792B/6-Z1-5K	MK792B/6-Z1-5K	5,000psi	6"	18"	No
GT792B/6-Z1-10K	MK792B/6-Z1-10K	10,000psi	6"	18"	No
GT792B/6J-Z1-5K	MK792B/6J-Z1-5K	5,000psi	6"	18"	J
GT792B/6J-Z1-10K	MK792B/6J-Z1-10K	10,000psi	6"	18"	J