

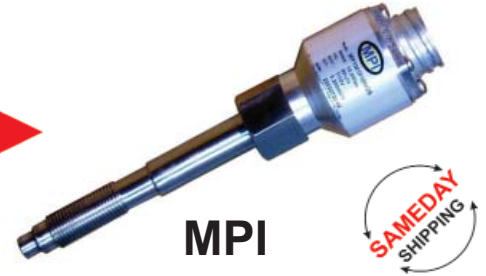
**GT75 - REPLACEMENTS (No Wiring Changes)**



**GT75**



**Replace with**



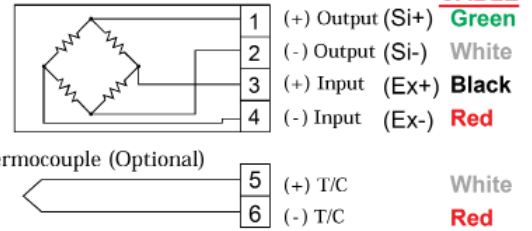
**MPI**



**GT75 (Standard Wiring)**



Schematic and Pin Connections (Standard)\*



**ORDER CODE Transducers**

MK75		J		C		-10K				
Model	Accuracy		Thermocouple		Diaphragm		Other Options		Pressure Range (PSI)	
<b>MK75</b> (3.5"STEM)	None	+/-1.0%	J	"J" Type	None	17-4PH S/S	None	6pin Gentran	5C 1K 1.5K	0-500 0-1000 0-1500
	A	+/-0.5%	K	"K" Type	C	Hard Chrome	D6	6pin Dynisco	3K 5K	0-3000 0-5000
					I	Inconel 718			10K	0-10000
					N	Titanium Nitride	D8	8pin Dynisco	15K	0-15000

**SPECIFICATIONS - MK**

**MECHANICAL**

**Ranges:** 0-1000 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

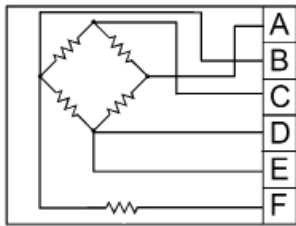
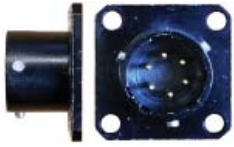
**TEMPERATURE**

**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**

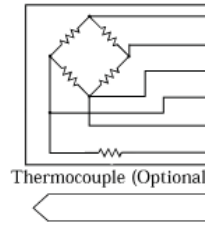
**Measuring Sensor:** 350ohm Wheatstone Bridge  
**Output:** nominal 3mV/V  
**Internal Shunt Cal:** +/-0.2%  
**Zero Balance:** +/-0.5% of Full Scale  
**Excitation:** 7-12VDC (recommend 10VDC)

**D6 - 6pin Dynisco**



- A (+) Output (Si+) **CABLE Red**
- B (-) Output (Si-) **Black**
- C (+) Input (Ex+) **White**
- D (-) Input (Ex-) **Green**
- E R-Cal **Blue**
- F R-Cal **Brown**

**D8 - 8pin Dynisco**



- A (+) Input (Ex+) **CABLE White**
- B (+) Output (Si+) **Red**
- C (-) Input (Ex-) **Green**
- D (-) Output (Si-) **Black**
- E R-Cal **Blue**
- F R-Cal **Brown**
- G (+) T/C **White (J) Yellow(K)**
- H (-) T/C **Red**

**ORDER CODE :Cables**

MP-CAB-72		04	02	-10		
Cable Type	Thermocouple Type	Connector Type		Cable Length*		
MP-CAB-72 <small>(Teflon + F/G sleeving)</small>	04 No Thermocouple	02	Gentran	10	10 Feet	
	MP-CAB-75 <small>(Teflon + S/S Armour)</small>	64 "J" Type	11	Bendix 8-pin (D8)	20	20 Feet
74 "K" Type		13	Bendix 6-pin (D6)	40	40 Feet	
94 "T" Type					Custom lengths available	
84 "RTD" Type						

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

GT75 - Gentran 6pin					
GENTRAN	MPI	Pressure	Stem	Connect	T/C
GT75-5K	MK75-5K	5,000psi	3.5"	6S (Gentran)	No
GT75-10K	MK75-10K	10,000psi	3.5"	6S (Gentran)	No
GT75J-5K	MK75J-5K	5,000psi	3.5"	6S (Gentran)	J
GT75J-10K	MK75J-10K	10,000psi	3.5"	6S (Gentran)	J

GT75 - Dynisco 6pin (D6)					
GENTRAN	MPI	Pressure	Stem	Connect	T/C
GT75-D6-5K	MK75-D6-5K	5,000psi	3.5"	D6 (Dynisco)	No
GT75-D6-10K	MK75-D6-10K	10,000psi	3.5"	D6 (Dynisco)	No
GT75J-D6-5K	MK75J-D6-5K	5,000psi	3.5"	D6 (Dynisco)	J
GT75J-D6-10K	MK75J-D6-10K	10,000psi	3.5"	D6 (Dynisco)	J

GT75 - Dynisco 8pin (D8)					
GENTRAN	MPI	Pressure	Stem	Connect	T/C
GT75-D8-5K	MK75-D8-5K	5,000psi	3.5"	D8 (Dynisco)	No
GT75-D8-10K	MK75-D8-10K	10,000psi	3.5"	D8 (Dynisco)	No
GT75J-D8-5K	MK75J-D8-5K	5,000psi	3.5"	D8 (Dynisco)	J
GT75J-D8-10K	MK75J-D8-10K	10,000psi	3.5"	D8 (Dynisco)	J