

GT72HP / GT76HP - REPLACEMENTS (No Wiring Changes)



**GT72HP
GT76HP**



Replace with



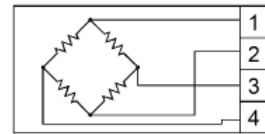
MPI



**GT72HP / GT76HP
(Standard Wiring)**



Schematic and Pin Connections (Standard)*



- 1 (+) Output (Si+) **CABLE Green**
 - 2 (-) Output (Si-) **White**
 - 3 (-) Input (Ex-) **Black**
 - 4 (+) Input (Ex+) **Red**
- Thermocouple (Optional)
- 5 (+) T/C **White**
 - 6 (-) T/C **Red**

**ORDER CODE
Transducers**

MK72HP /6 J C D6 Z1 -10K

Melt Pressure Transducer Model	Barrel Length		Thermocouple Type		Diaphragm Material		Wiring Options		"Z" Options		Pressure Range**	
MK72HP (0.5%)	6	6 inch "A" Length	J	"J" Type	None	17-4 PH SST	None	Standard 6-pin Cannon Connector	None	Standard Unit	5C	0-500*
			K	"K" Type	C	Hard Chrome	Z1		18" Integral Flexible Armored Cable	1K	0-1,000*	
MK72HP (0.5%)	12	12 inch "A" Length	T	"T" Type	H	Hastelloy C-276	D6	Bendix 6-pin Connector	Z2	24" Integral Flexible Armored Cable	1.5K	0-1,500
			R	"RTD" Type	I	Inconel 718	D8	Bendix 8-pin connector		5K	0-5,000	
			N	Titanium Nitride- TiN	7.5K	0-7,500						
			NN	Double Coated TiN	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: 0-1000 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

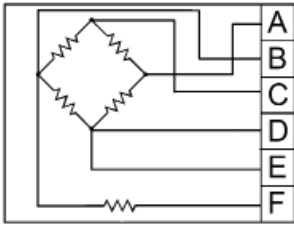
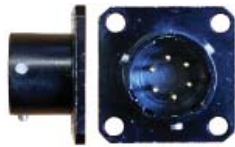
TEMPERATURE

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)

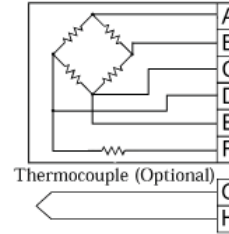
D6 - 6pin Dynisco



A (+) Output (Si+)
 B (-) Output (Si-)
 C (+) Input (Ex+)
 D (-) Input (Ex-)
 E R-Cal
 F R-Cal

CABLE
 Red
 Black
 White
 Green
 Blue
 Brown

D8 - 8pin Dynisco



A (+) Input (Ex+) White
 B (+) Output (Si+) Red
 C (-) Input (Ex-) Green
 D (-) Output (Si-) Black
 E R-Cal Blue
 F R-Cal Brown
 Thermocouple (Optional)
 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 (Teflon + F/G sleeving)	04	No Thermocouple	02	Gentran	10	10 Feet
	64	"J" Type	11	Bendix 8-pin (D8)	20	20 Feet
MP-CAB-75 (Teflon + S/S Armour)	74	"K" Type	13	Bendix 6-pin (D6)	40	40 Feet
	94	"T" Type				
	84	"RTD" Type				

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

GT72HP (6pin Gentran) - Rigid Stem

GENTRAN	MPI	Pressure	Stem	Connect	T/C
GT72HP/6-5K	MK72HP/6-5K	5,000psi	6"	6S (Gentran)	No
GT72HP/6-10K	MK72HP/6-10K	10,000psi	6"	6S (Gentran)	No
GT72HP/6J-5K	MK72HP/6J-5K	5,000psi	6"	6S (Gentran)	J
GT72HP/6J-10K	MK72HP/6J-10K	10,000psi	6"	6S (Gentran)	J
GT72HP/12-5K	MK72HP/12-5K	5,000psi	12"	6S (Gentran)	No
GT72HP/12-10K	MK72HP/12-10K	10,000psi	12"	6S (Gentran)	No
GT72HP/12J-5K	MK72HP/12J-5K	5,000psi	12"	6S (Gentran)	J
GT72HP/12J-10K	MK72HP/12J-10K	10,000psi	12"	6S (Gentran)	J

GT76HP (6pin Gentran) - Rigid Stem

GENTRAN	MPI	Pressure	Stem	Connect	T/C
GT76HP/6-5K	MK76HP/6-5K	5,000psi	6"	6S (Gentran)	No
GT76HP/6-10K	MK76HP/6-10K	10,000psi	6"	6S (Gentran)	No
GT76HP/6J-5K	MK76HP/6J-5K	5,000psi	6"	6S (Gentran)	J
GT76HP/6J-10K	MK76HP/6J-10K	10,000psi	6"	6S (Gentran)	J
GT76HP/12-5K	MK76HP/12-5K	5,000psi	12"	6S (Gentran)	No
GT76HP/12-10K	MK76HP/12-10K	10,000psi	12"	6S (Gentran)	No
GT76HP/12J-5K	MK76HP/12J-5K	5,000psi	12"	6S (Gentran)	J
GT76HP/12J-10K	MK76HP/12J-10K	10,000psi	12"	6S (Gentran)	J

GT72HP (D6) - Rigid Stem

GENTRAN	MPI	Pressure	Stem	Connect	T/C
GT72HP/6/D6-5K	MK72HP/6/D6-5K	5,000psi	6"	D6 (Dynisco)	No
GT72HP/6/D6-10K	MK72HP/6/D6-10K	10,000psi	6"	D6 (Dynisco)	No
GT72HP/6J/D6-5K	MK72HP/6J/D6-5K	5,000psi	6"	D6 (Dynisco)	J
GT72HP/6J/D6-10K	MK72HP/6J/D6-10K	10,000psi	6"	D6 (Dynisco)	J
GT72HP/12/D6-5K	MK72HP/12/D6-5K	5,000psi	12"	D6 (Dynisco)	No
GT76HP/12/D6-10K	MK76HP/12/D6-10K	10,000psi	12"	D6 (Dynisco)	No
GT76HP/12J/D6-5K	MK76HP/12J/D6-5K	5,000psi	12"	D6 (Dynisco)	J
GT76HP/12J/D6-10K	MK76HP/12J/D6-10K	10,000psi	12"	D6 (Dynisco)	J

GT72HP (D6/Z1) - Rigid Stem + 18" Flex

GENTRAN	MPI	Pressure	Stem	Connect	T/C
GT72HP/6/D6/Z1-5K	MK76HP/6/D6/Z1-5K	5,000psi	6"	D6 (Dynisco)	No
GT72HP/6/D6/Z1-10K	MK76HP/6/D6/Z1-10K	10,000psi	6"	D6 (Dynisco)	No
GT72HP/6J/D6/Z1-5K	MK76HP/6J/D6/Z1-5K	5,000psi	6"	D6 (Dynisco)	J
GT72HP/6J/D6/Z1-10K	MK76HP/6J/D6/Z1-10K	10,000psi	6"	D6 (Dynisco)	J
GT72HP/12/D6/Z1-5K	MK76HP/12/D6/Z1-5K	5,000psi	12"	D6 (Dynisco)	No
GT76HP/12/D6/Z1-10K	MK76HP/12/D6/Z1-10K	10,000psi	12"	D6 (Dynisco)	No
GT76HP/12J/D6/Z1-5K	MK76HP/12J/D6/Z1-5K	5,000psi	12"	D6 (Dynisco)	J
GT76HP/12J/D6/Z1-10K	MK76HP/12J/D6/Z1-10K	10,000psi	12"	D6 (Dynisco)	J