

Document Number		RG_SPEC-0012	
Title		Club Level Pressure Sensor	
Revision	Date	Prepared By	Change History
1.11	2/6/2011	Chris Brown	Updated description paragraph.

An ideal high volume, low cost pressure sensor. It features a small, compact and lightweight brass body with a 1/8" NPT mechanical fitting and an industry standard Metri-Pack electrical connection. Multiple pressure ranges are available in either *Gage* or *Absolute*.

<u>Part #</u>	<u>Range</u>
M P150G-E4C	150 PSI Gauge
M P75A-E4C	75 PSI Absolute
M P50A-E4C	50 PSI Absolute



Calibration:

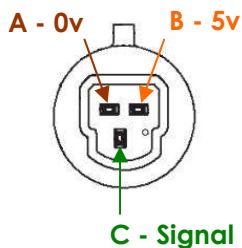
0.5v = 0 PSI

4.5v = Full Scale Pressure

Specifications:

- Fitting: 1/8" NPT
- Output: 0.5 to 4.5 Vdc
- Supply: 5 +/- 0.5 Vdc
- Current: < 5mA
- Output Impedance: < 100 Ohm
- Temperature Range: -20°C to 100°C
- Total Error: 2.0% of F.S. Pres (-20°C to 85°C)
- Proof Pressure: 2xF.S. Pres (0- 200 PSI sensors)
1.5xF.S. Pres (> 200 PSI sensors)
- Burst Pressure: 600 PSI
- Main Seal: o-ring
- Sealed to IP65
- Weight: 40 grams
- Reverse Voltage Protection: -30 Vdc
- Over Voltage Protection: +30 Vdc

Connection:



- A - 0v
- B - 5v
- C - Signal

Mating Connector:
Packard Metri-Pack 150
Part # M 15-7275K

