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|------------------------|-------------|------------------------------|--------------------------------------------------|
| <b>Document Number</b> |             | RG_SPEC-0015                 |                                                  |
| <b>Title</b>           |             | Professional Pressure Sensor |                                                  |
| <b>Revision</b>        | <b>Date</b> | <b>Prepared By</b>           | <b>Change History</b>                            |
| 1.2                    | 2/6/2012    | Chris Brown                  | Added drawing with dimensions and mounting note. |
| 1.1                    | 2/6/2012    | Chris Brown                  | Updated part numbers.                            |

The professional line of pressure sensors feature the repeatability and accuracy needed for any demanding environment. Featuring an all stainless steel design compatible with all fluid medias. A Dash-3 female thread for easy adoption to any fitting size through the use of an aluminium adapter available separately. All sensors feature the industry standard Metri-Pack electrical connection. Multiple pressure ranges are available in either *Gage* or *Absolute*.

| <b>Part #</b> | <b>Range</b>    |
|---------------|-----------------|
| M EPT 75A     | 75 PSI Absolute |
| M EPT 100G    | 100 PSI Gauge   |
| M EPT 150G    | 150 PSI Gauge   |
| M EPT 300G    | 300 PSI Gauge   |
| M EPT 1000G   | 1000 PSI Gauge  |
| M EPT 2000S   | 2000 PSI Gauge  |
| M EPT 3000S   | 3000 PSI Gauge  |

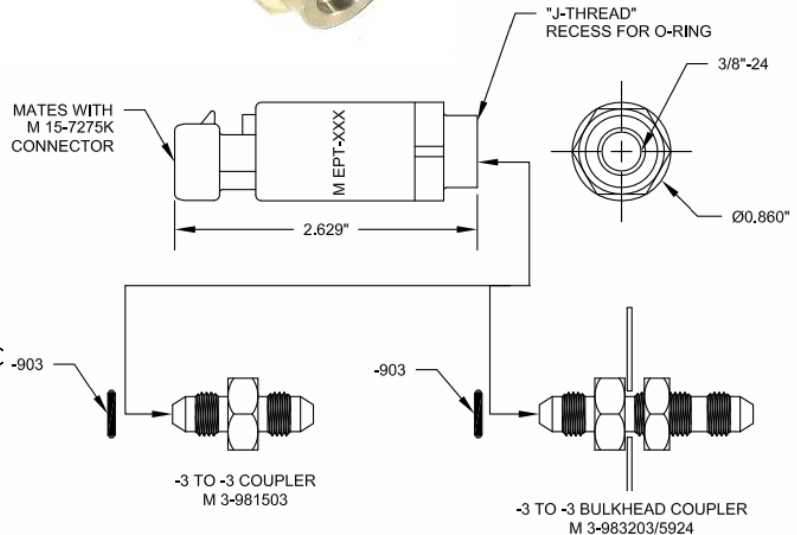


**Calibration:**

0.5v = 0 PSI  
 4.5v = Full Scale Pressure

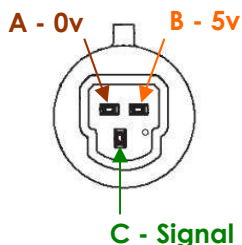
**Specifications:**

- Fitting: Dash-3 Female
- Output: 0.5 to 4.5 Vdc
- Supply: 5 +/- 0.5 Vdc
- Current: < 10mA
- Output Impedance: < 100 Ohm
- Temperature Range: -40°C to 125°C
- Total Error: 0.8% of F.S. Pres
- Proof Pressure: 2 x F.S. Pres
- Burst Pressure: 5 x F.S. Pres
- Main Seal: welded stainless
- Weight: 70 grams



Note: Sensor should be mounted remotely to avoid engine vibration damage.

**Connection:**



A - 0v  
 B - 5v  
 C - Signal

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

