1.3 Air Pressure Sensor

<table>
<thead>
<tr>
<th>Air Sensor</th>
<th>Mk7 M.M.</th>
<th>Mini Mk8 M.M.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow</td>
<td>T31</td>
<td>/</td>
</tr>
<tr>
<td>Green</td>
<td>T32</td>
<td>/</td>
</tr>
<tr>
<td>Blue</td>
<td>T33</td>
<td>T48</td>
</tr>
<tr>
<td>Red</td>
<td>T34</td>
<td>T49</td>
</tr>
<tr>
<td>Brown</td>
<td>/</td>
<td>T29</td>
</tr>
<tr>
<td>Purple</td>
<td>/</td>
<td>T30</td>
</tr>
</tbody>
</table>

Connect screen at only one end.

Quick connection screened flying lead (1.5m)

.Socket

Plug

Circuit board
Pressure switching unit
Sealing O-rings

1/8” NSP Nylon plug with breather hole

IP 52
NEMA 5
Housing & Lid Aluminium
Power Consumption 0.1 Watts
Mounting In line as shown. Differential pressure hole away from any water source.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Min. Pressure</th>
<th>Max. Pressure</th>
<th>Zero Range</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mbar</td>
<td>“wg” PSI</td>
<td>mbar</td>
</tr>
<tr>
<td>MM80005</td>
<td>-0.75</td>
<td>0.3 0</td>
<td>65</td>
</tr>
<tr>
<td>MM80013</td>
<td>-1.5</td>
<td>0.6 0</td>
<td>130</td>
</tr>
</tbody>
</table>

Drawing No. 9005
Air Pressure Sensor

- Ø42mm (1.65")
- 72.9mm (2.87")
- 59mm (2.32")
- 9.5mm (0.37")
- 38mm (1.50")
- 1.5m core cable
1.3.1 Air Pressure Proving

Pressure sensors are dual channel and self-check.

**Note:**
1. Position 2 must be 0.25"wg (0.62mBar) higher than position 1
2. Minimum pressure in normal run mode must be higher than position 2
3. Position 8 must be set equal to position 2 or higher
4. Default settings for minimum and maximum is 15% above and below entered value
1.3.2 Air Pressure Tapped Fitting

The Autoflame Air Pressure Sensor is supplied with a negative pressure port. This can be removed and installed as shown below, to measure a differential pressure. This is only necessary where the air pressure at low fire is below 0.4” w.g. or 1 mbar or when it is a local code requirement.

For the Mk7 M.M., See Options 145 to 149 in Mk7 M.M. Installation and Commissioning Guide.
For the Mini Mk8 M.M., see Options 146 to 149 in Mini Mk8 M.M. Installation and Commissioning Guide.