Eaton’s 6607A Pressure Switch is field adjustable and suitable for many commercial and utility applications as well as airborne and ground support applications that demand high reliability. The sensing mechanism for 6607 A1 through A6 consists of a diaphragm which acts against a calibrated spring-force in response to pressure. Units 6607 A7 through A9 are equipped with a piston pressure-sensing mechanism.

**Applications**
- Fuel pressure
- Lubricating oil pressure
- Hydraulic pressure
- Torpedo depth control
- Aircraft engine bleed pressure and other environmental controls
- Diesel engine, gas/steam turbine control
- Nuclear and hydrocarbon fuel power generation plants

**Options**
- Hermetically sealed electrical contacts
- Traceability
- Higher/lower temperatures available
- Mounting brackets
- Coatings: chromatic conversion or painted
- 6607 Series non-adjustable available.
- Switch can be factory-set and locked for tamper proof applications or can be customer adjustable.
- Other soldering standards may be incorporated upon request, including NHB5300, MIL-STD-454, or MIL-STD-2000A

**Features**
- Externally adjustable setpoint or factory set
- Small size, lightweight (less than 5 oz.)
- Ranges 2 to 3000 psig (0.15 to 210 bar)
- Aircraft quality
- Attractively priced
- Meets MIL-E-5272
- Anodized surface coating
- Standard soldering is in accordance with ANSI J-STD-001, Class 3
Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Decremental Differential Value</th>
<th>Incremental Differential Value</th>
<th>Proof Pressure</th>
<th>Burst Pressure</th>
</tr>
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<tr>
<td></td>
<td>psig   bar</td>
<td>psig   bar</td>
<td>psig   bar</td>
<td>psig   bar</td>
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<td>100 7</td>
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<td>375 25</td>
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<td>6607 A9</td>
<td>1600 110</td>
<td>3000 210</td>
<td>350 24</td>
<td>4500 310</td>
</tr>
</tbody>
</table>

Temperature range
-65°F to 250°F (-54°C to 125°C)

Electrical rating
28 VDC 5A resis., 2A induc., 1A lamp load (gold contacts available for low-current/dry circuit applications)

Cycle life
50,000 cycles minimum

Operating media
Air, gas, oil, fuel

Environmental
MIL-E-5262A

Vibration
MIL-E-5272 Proc. I extended to 2,000cps

Shock
Up to 100g's

Weight
Type 6607A1-6607A6: 4.1 oz. (116 grams)
Type 6607A7-6607A9: 5.0 oz. (142 grams)

Dimensions
Dimensions shown in inches (millimeters)

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