Series A6 Durable Pressure Switches have been specifically designed to stand up to extended duty applications. These switches are constructed with a polyimide film diaphragm and are compatible with a variety of fluids. For ease of installation, the switches come with a 1/4˝ male NPT process connection and can be mounted in any orientation. The Series A6 pressure switches are compact and have great setpoint integrity, and feature simple, easy set-point field adjustment.

**SPECIFICATIONS**

**Service:** Air, motor oils, transmission oils, jet fuels, and similar hydrocarbon media. (Not for water use).

**Wetted Materials:** Base: 304 SS; Diaphragm: Polyimide film.

**Temperature Limits:** -40 to 248°F (-40 to 120°C).

**Pressure Limits:**
- Operating Pressure: 150 psi (10.3 bar) for 0.5-24 psi set-point ranges, 250 psi (17.2 bar) for 25-150 psi set-point ranges;
- Proof Pressure: 500 psi (34.5 bar);
- Burst Pressure: 750 psi (51.7 bar) for 0.5-24 psi set-point ranges, 1250 psi (86.2 bar) for 25-150 psi set-point ranges.

**Enclosure Rating:** General purpose or with cover: IP65 - weatherproof.

**Repeatability:** ±10% of set-point.

**Set Point Tolerance:** ±15% of range.

**Switch Type:** 1 SPST NO, 1 SPST NC. NO and NC switch independent from each other.

**Electrical Ratings:**
- Resistive: 15 A @ 6 VDC, 8 A @ 12 VDC, 4 A @ 24 VDC;
- Inductive: 1 A @ 120 VAC, 0.5 A @ 240 VAC.

**Electrical Connections:** #8-32 screw terminals.

**Process Connection:** 1/4˝ NPT male.

**Mounting Orientation:** Switch can be installed in any position.

**Set-point Adjustment:** Screw.

**Agency Approval:** CE.

**Weight:** 0.13 lb (0.06 kg).

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<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>A-439</td>
<td>Weatherproof IP65 Cover</td>
</tr>
<tr>
<td>A-440</td>
<td>Weatherproof IP65 w/ Fly-wire holes</td>
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