Explosion-Proof, UL & CSA Listed for Class I, Groups B, C & D and Class II, Groups E, F & G. The H2 is designed for sequencing two different actions as pressure of a liquid or gas increases or decreases. The design consists of two concentric pistons operated by a single diaphragm with one pressure chamber. Each piston actuates a separate switch independent of the other. The switches may be adjusted to operate together, at opposite ends of the range or at two intermediate set points. The threaded top is removed to field adjust or service switches without disturbing electrical or pressure connections. The Duotec® switch is explosion-proof and weatherproof. It can be mounted in any position and is not affected by vibration.

**Specification:**
- Wetted Materials: 316 SS chamber with FEP diaphragm and Buna-N O-ring standard. Fluorocarbon or EPDM O-ring optional.
- Temperature Limit: 275°F (135°C). CSA approved: -20 to 90°C (-4 to 184°F).
- Pressure Limit: 1500 psig (103 bar).

### Series H2

#### Dual-Action Explosion-Proof Pressure Switches
- **Description:** Explosion-proof and Weatherproof Enclosure
- **Options:**
  - Optional A-447 enclosure factory installed. To order change “O” to “PC”.
  - Example: A1F-PC-SS-1-1

<table>
<thead>
<tr>
<th>Model</th>
<th>Low Range psig (bar)</th>
<th>High Range psig (bar)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>H2S-1</td>
<td>3-40 (0.2-2.76)</td>
<td>5-75 (0.35-5.17)</td>
<td>$76.50</td>
</tr>
<tr>
<td>H2S-2</td>
<td>25-250 (1.72-17.2)</td>
<td>30-400 (2.07-27.6)</td>
<td>$736.00</td>
</tr>
<tr>
<td>H2S-3</td>
<td>100-1000 (6.89-66.9)</td>
<td>150-1500 (10.3-103)</td>
<td>$736.00</td>
</tr>
</tbody>
</table>

#### Series A1F

**Low Cost OEM Pressure Switch**
- Field Installable Weatherproof Enclosure
- **Application:** Compatible liquids and gases.
- **Wetted Materials:**
  - Pressure Chamber: 316 SS
  - Diaphragm: Fluorocarbon
- **Temperature Limit:** -40 to 175°F (-40 to 80°C)
- **Pressure Limit:** 750 psig (51 bar)
- **Switch Type:** SPDT snap switch
- **Electrical Rating:** 15 A @ 125/250 VAC; 1/8 HP @ 125 VAC; 1/4 HP @ 250 VAC
- **Electrical Connections:**
  - 3/4˝ female NPT
  - 1/4˝ female NPT
- **Agency Approvals:** CE, CSA, UL

### Pricing
- **Model:** A1F with A-447
  - Price: $119.06
- **Model:** A1F-PC-SS-1-1
  - Price: $127.00

### Additional Information
- **Set Point Adjustment:**
  - Internal nut
- **Mounting Orientation:** Any position
- **Weight:** 2 lb (0.9 kg)
- **Deadband:** Approximately 10% of range
- **Agency Approvals:**
  - CE
  - cUL
  - UL

**Accessories**
- **Weatherproof enclosure:** Easy field installation; Meets NEMA 4X.
  - Polycarbonate cover with 1/2˝ NPT female conduit entry
  - Add $61.00

**Single Pressure Switches**
- **Agency Approvals:**
  - CE
  - CSA
  - UL