**Dual-Action Explosion-Proof Pressure Switches**

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 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.

**A1F Pressure Switch**

Low cost and precision made, the A1F Pressure Switch is ideal for OEM industrial applications. Wetted materials of 316 SS and fluorocarbon ensure great chemical compatibility with a wide range of process media. The open case style is perfect for panel mounting applications like pump skids. Field-installable weatherproof enclosure is available in polycarbonate offering a low cost weatherproof switch. Superior 15 A contact allows for direct control of motors or pumps without the use of external relays, a true cost savings.

**Low Cost OEM Pressure Switch**

The A1F Pressure Switch is easy to order and install. A-447 enclosure is factory installed. To order change “O” to “PC”.

<table>
<thead>
<tr>
<th>Model</th>
<th>Low Range psig (bar)</th>
<th>High Range psig (bar)</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>
</tr>
<tr>
<td>H2S-2</td>
<td>25-250 (1.72-17.2)</td>
<td>30-400 (2.07-27.6)</td>
</tr>
<tr>
<td>H2S-3</td>
<td>100-1000 (6.89-68.9)</td>
<td>150-1500 (10.3-103)</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

- **Wetted Materials**: 316 SS chamber with FEP diaphragm and Buna-N O-ring standard. Fluorocarbon or EPDM O-ring optional.
- **Temperature Limits**: 275°F (135°C). CSA approved: -20 to 90°C (-4 to 184°F).
- **Pressure Limits**: 1500 psig (103 bar).
- **Process Connection**: 1/4˝ female NPT and 1/2˝ male NPT.
- **Electrical Connection**: Screw terminals.
- **Electrical Rating**: 15 A @ 120/240/480 VAC; 1/8 HP @ 125 VAC; 1/4 HP @ 250 VAC.
- **Switch Type**: Two SPDT snap switches.
- **Agency Approvals**: CE, CSA, UL.

**Options**

- **Weatherproof enclosure. Optional A-447 enclosure factory installed. To order change “O” to “PC”.**
- **Example**: A1F-PC-SS-1-1

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