Example: A1F-PC-SS-1-1

**Low Cost OEM Pressure Switch**

Field Installable Weatherproof Enclosure

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**Dutcht®**

- Explosion-proof, UL & CSA Listed for Class I, Groups B, C & D and Class II, Groups E, F & G.
- Optional A-447 enclosure factory installed.
- To order change “O” to “PC”.
- Weatherproof enclosure. Optional A-447 enclosure factory installed. To order change “O” to “PC”.
- 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 15A contact allows mounting applications like pump skids. Field installable weatherproof enclosure is available in polycarbonate cover with 1/2˝ NPT female conduit entry.

**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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**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 15A contact allows mounting applications like pump skids. Field installable weatherproof enclosure is available in polycarbonate cover with 1/2˝ NPT female conduit entry.**

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**Series H2**

**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 patented 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 Dutcht® switch is explosion-proof and weatherproof. It can be mounted in any position and is not affected by vibration.

**SPECIFICATIONS**


**Enclosure Rating:** UL listed explosion-proof, Class I, Groups B, C & D. Class II Groups E, F, and G. Meets NEMA 4X (IP65). CSA optional. Class I, Groups B, C & D. Class II, Groups E, F, & G -20°C ≤ Tamb ≤ 75°C -20°C ≤ Tamb ≤ 75°C. T6 [optional -20°C ≤ Tamb ≤ 40°C T5].

**Agency Approvals:** CE, UL, CSA.

**Switch Type:** Two SPDT snap switches.

**Electrical Rating:** 5A @ 125/250 VAC. 5A res., 3A ind. @ 30 VDC. Gold contacts or 10A switch optional.


**Model | Low Range psig (bar) | High Range psig (bar)**
--- | --- | ---
H2A-1 | 3-40 (0.21-2.76) | 30-400 (2.07-27.6)
H2A-2 | 25-250 (1.72-17.2) | 150-1500 (10.3-103)
H2A-3 | 100-1000 (6.89-68.9) | 250-2500 (17.2-172)

**OPTIONS**

- Low Range psig (bar) | High Range psig (bar)
--- | ---
25-250 (1.72-17.2) | 30-400 (2.07-27.6)
5-75 (0.35-5.17) | 15-150 (1.03-10.3)
8 to 225 (0.27-15.5) | 10 to 150 (0.68-10.3)
16 to 450 (1.1 to 31.0) | 20 to 300 (1.35-20.7)

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**Series A1F**

**Low Cost OEM Pressure Switch**

Field Installable Weatherproof Enclosure

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**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 15A contact allows direct control of motors or pumps without the use of external relays, a true cost savings. Features include a convenient indicating scale for quick and easy field adjustment.**

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**SPECIFICATIONS**

**Wetted Materials:** Compatible liquids and gases. Wetted materials: Pressure Chamber: 316 SS; Diaphragm: Fluorocarbon. Temperature Limit: -40 to 175°F (-40 to 80°C).

**Pressure Limits:** 750 psig (51 bar).

**Enclosure Rating:** No rating for open construction. Installed properly within an optional A-447 enclosure meets NEMA 4X standards.

**Switch Type:** SPDT snap switch.

**Electrical Rating:** 15A @ 120/240/480 VAC; 1/8 HP @ 125 VAC; 1/4 HP @ 250 VAC.

**Electrical Connections:** Screw terminals.

**Process Connection:** 1/4" female NPT and 1/2” male NPT.

**Mounting Orientation:** Within 20° of vertical. Set Point Adjustment: Knurled screw cap with indicating scale. Deadband: Fixed. See deadband chart. Weight: 10.5 oz (297 g).

**Agency Approvals:** CE, 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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**ACCESSORY**

A-447, Weatherproof enclosure: Easy field installation; Meets NEMA 4X, polycarbonate cover with 1/2” NPT female conduit entry.