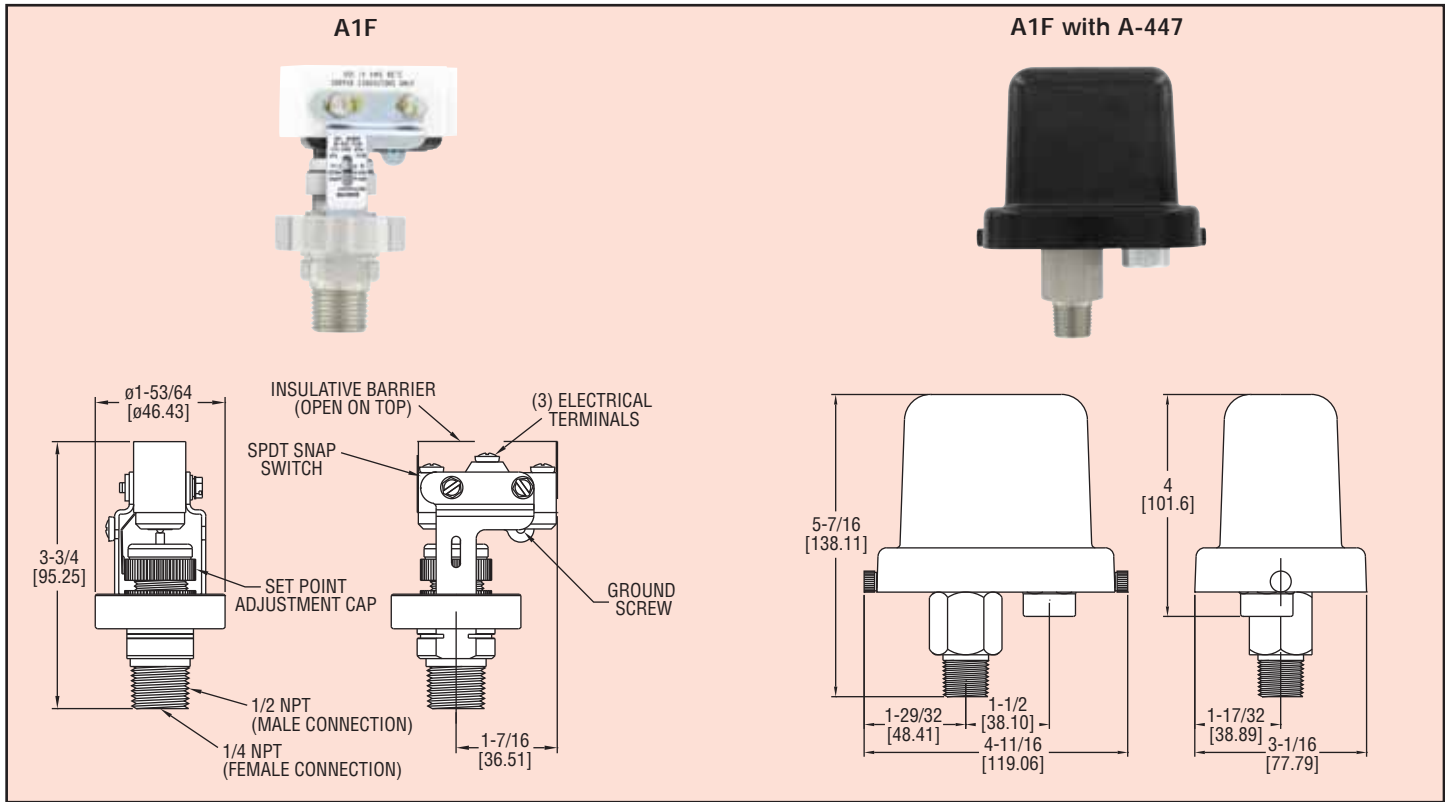




Series  
A1F

# Low Cost OEM Pressure Switch

## Field Installable Weatherproof Enclosure



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.

Model Number	Range	Deadband at Min Range	Deadband at Max Range
A1F-O-SS-1-1	2 to 15 (0.14 to 1.03)	2 (0.14)	3 (0.21)
A1F-O-SS-1-2	4 to 75 (0.28 to 5.17)	4 (0.27)	15 (1.0)
A1F-O-SS-1-3	8 to 225 (0.55 to 15.5)	8 (0.55)	25 (1.7)
A1F-O-SS-1-4	16 to 450 (1.1 to 31.0)	15 (1.0)	50 (3.5)

psig (bar)

### SPECIFICATIONS

**Service:** 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 Connection:** 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.

### ACCESSORY

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