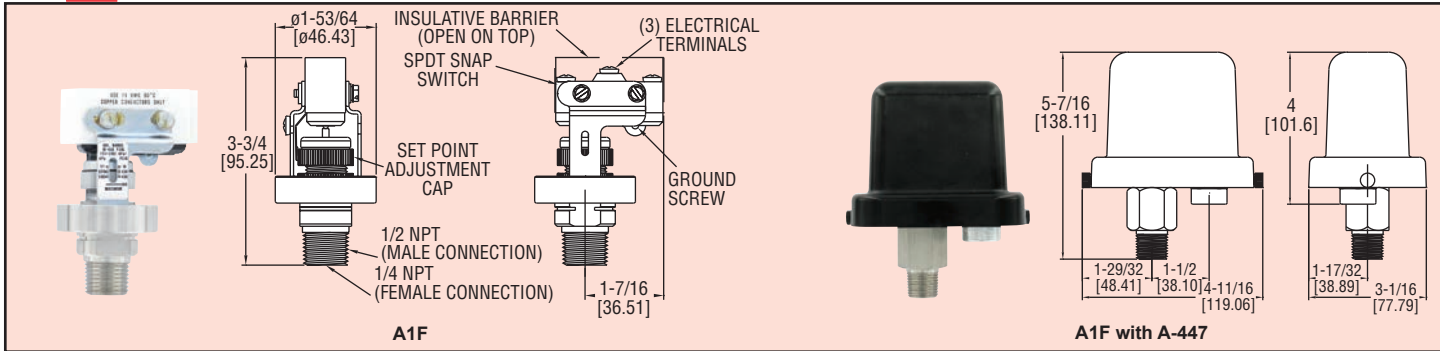




Series
A1F

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 15 A 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 | 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)

OPTIONS

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

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 (IP66) standards.

Switch Type: SPDT snap switch.

Electrical Rating: 15 A @ 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, cUL, UL.

ACCESSORY

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