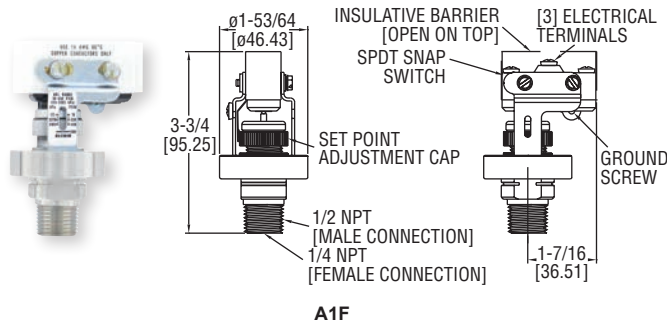
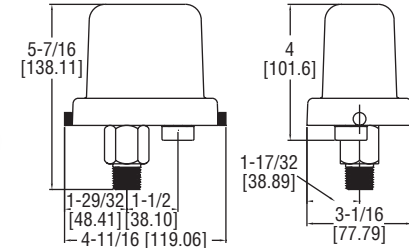


LOW COST OEM PRESSURE SWITCH

Field Installable Weatherproof Enclosure


A1F

A1F with weatherproof enclosure

Low cost and precision made, the **SERIES 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. 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.

FEATURES/BENEFITS

- 15 A contact allows direct control reducing costs and reliability by having to introduce additional contacts and relays
- Case style allows use for panel mounting application with optional weather-proof enclosure for use in outdoor environments
- Field adjustable reduces installation time bring application on-line faster
- Wetted material provides support for wider range of process media

APPLICATIONS

- OEM
- Compressors
- Motor control
- Process equipment
- Pump control

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 weatherproof 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: cUL, UL.

MODEL CHART

Model	Range psg (bar)	Deadband at Min. Range psg (bar)	Deadband at Max. Range psg (bar)
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)

Note: Optional enclosure factory installed. To order, change O to PC.

Example: A1F-PC-SS-1-1