



## SERIES A1F | MERCOID® LOW COST OEM PRESSURE SWITCH



A1F



A1F with -PC weatherproof housing

### 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

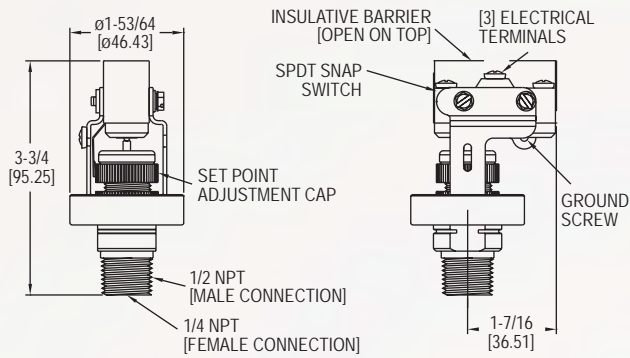
### DESCRIPTION

Low cost and precision made, the **Series A1F Low Cost OEM 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.

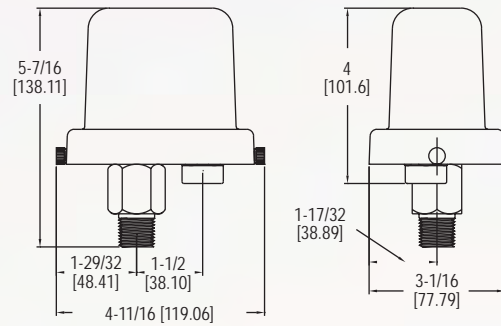
### SPECIFICATIONS

<b>Service</b>	Compatible liquids and gases.
<b>Wetted Materials</b>	Pressure chamber: 316 SS; Diaphragm: Fluorocarbon.
<b>Temperature Limit</b>	-40 to 175°F (-40 to 80°C).
<b>Pressure Limits</b>	500 psig (34 bar).
<b>Enclosure Rating</b>	No rating for open construction. Optional -PC enclosure meets NEMA 4X standards.
<b>Switch Type</b>	SPDT snap switch.
<b>Electrical Rating</b>	15 A @ 120/240/480 VAC, 1/8 HP @ 125 VAC, 1/4 HP @ 250 VAC.
<b>Electrical Connection</b>	Screw terminals.
<b>Process Connection</b>	1/4" female NPT and 1/2" male NPT.
<b>Mounting Orientation</b>	Within 20° of vertical.
<b>Set Point Adjustment</b>	Knurled screw cap with indicating scale.
<b>Deadband</b>	Fixed, see products on Order page for minimum and maximum deadband.
<b>Weight</b>	10.5 oz (297 g).
<b>Agency Approvals</b>	CE, cUL, UL.

## DIMENSIONS



**A1F**



**A1F with -PC weatherproof housing**

## HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code.

	<b>A1F</b>	<b>-O</b>	<b>-SS</b>	<b>-1</b>	<b>-1</b>	<b>-STW</b>	
<b>SERIES</b>							<b>OPTIONS</b>
<b>A1F:</b> Low cost OEM pressure switch							<b>-PRESET:</b> Preset
<b>HOUSING ENCLOSURE</b>							<b>-STW:</b> Stainless steel tag wired
<b>-O:</b> Open							<b>RANGE</b>
<b>-PC:</b> Polycarbonate with conduit entry							<b>-1:</b> 2 to 15 psig (0.14 to 1.03 bar)
<b>PRESSURE CHAMBER MATERIAL</b>							<b>-2:</b> 4 to 75 psig (0.28 to 5.17 bar)
<b>-SS:</b> 316 stainless steel							<b>-3:</b> 8 to 225 psig (0.55 to 15.5 bar)
							<b>-4:</b> 16 to 450 psig (1.1 to 31.0 bar)
							<b>SWITCH</b>
							<b>-1:</b> One SPDT switch

ORDER ONLINE TODAY!  
[dwyerinc.com/product/seriesA1F](http://dwyerinc.com/product/seriesA1F)

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