

# 1125P Series Pressure Switch

## Miniature Pressure Switch

Nega-Rate® Belleville disc spring diaphragm sensing mechanism is most suited for narrow deadband and high pressure pneumatic applications.

- Vented gauge switch
- Mid range pressure switch
- Repeatable and high overpressure design



## General Specifications

- Set point range from 40 to 3000 psig
- Deadband range from 5 psi or 8%, whichever is greater, to 45% of the set point
- Proof pressure up to 7500 psig
- SPDT snap action switch element
- Temperature Range:
  - Ambient -65°F to +275°F (-54°C to +135°C)
  - Media - 65°F to +300°F (-54°C to +149°C)
- Vibration capability to 10G's

## Optional Features

- Dry circuit to 7 amps 28 VDC electrical rating
- DPDT snap action switch element
- Electrical assembly hermetically sealed
- Electrical connector per most military specifications or wire leads
- Electrical chamber environmentally sealed
- Pressure connection per most military specifications
- Operating (ambient) temperature up to 350°F (177°C)
- Vibration capabilities to 15G's

## Heritage

The Series 1125P has seen usage in numerous applications including commercial aircraft and naval ships.

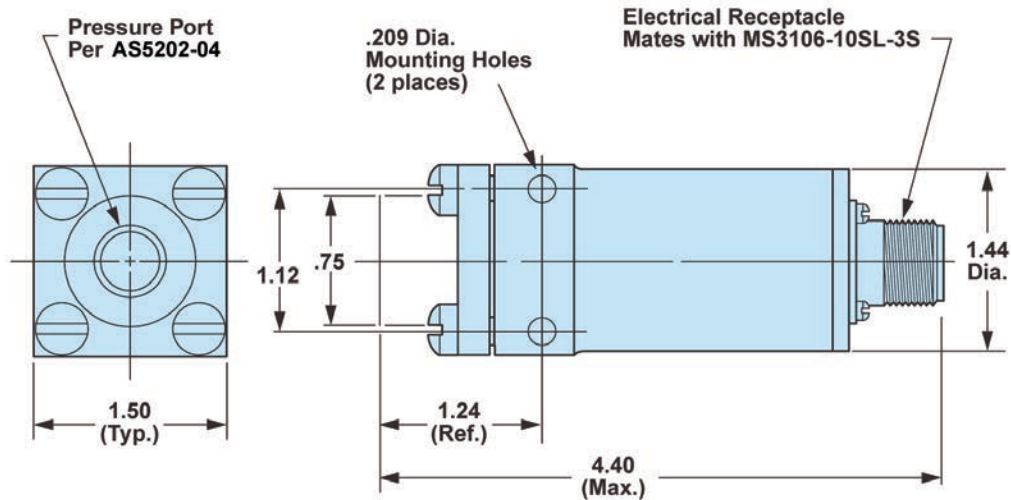


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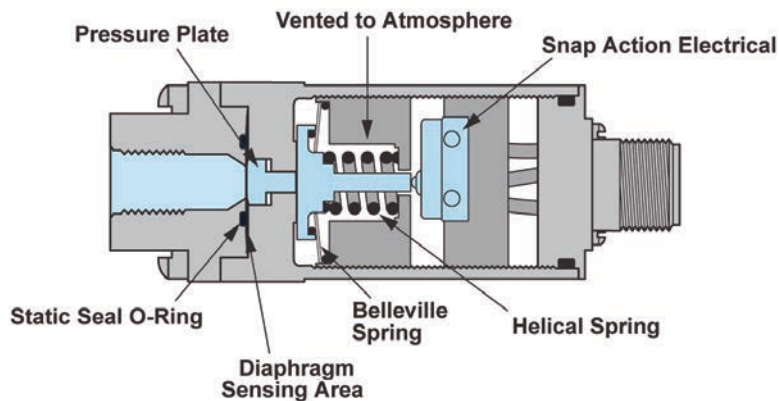
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# 1125P Series Pressure Switch

## Envelope Dimensions



## Basic Principles of Design



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Specifications and dimensions subject to change.