

# 1206P Pressure Switch

## Miniature Pressure Switch

Nega-Rate® Belleville disc spring/piston sensing mechanism and small size provides excellent vibration, shock proof and surge resistant capabilities for systems with up to  $1 \times 10^6$  psi per second rise rates.

- Piston sensor design
- Compact aluminum construction
- Especially suited for hydraulic applications



## General Specifications

- Set point range from 40 to 2400 psig
- Deadband range from 20 psi or 15%, whichever is greater, to 45% of the set point
- Proof pressure up to 4500 psig
- SPDT snap action switch element
- Temperature Range:
  - Ambient -65°F to +275°F (-54°C to +135°C)
  - Media -40°F to +275°F (-40°C to +135°C)
- Vibration capability to 15G's

## Optional Features

- Set point range up to 4500 psig
- Narrow to extremely wide deadband
- Dry circuit to 7 amps 28 VDC electrical rating
- DPDT snap action switch element or patented shunt-disc
- Electrical assembly hermetically sealed per MIL-HDBK-5400 Para. 3.8
- Electrical connector per most military specifications or wire leads per MIL-W-16878/4
- Pressure connection per most military specifications
- Operating (ambient) temperature up to 350°F (177°C)
- Vibration capabilities up to 25G's with a switch element, or 50G's with a patented shunt-disc (Patent No. 3876845)

## Heritage

The Series 1206P has seen extensive usage in numerous applications including Commercial & Military Aircraft (both helicopters and airplanes), Military Land Vehicles (tanks), Military Missiles and Commercial Space.

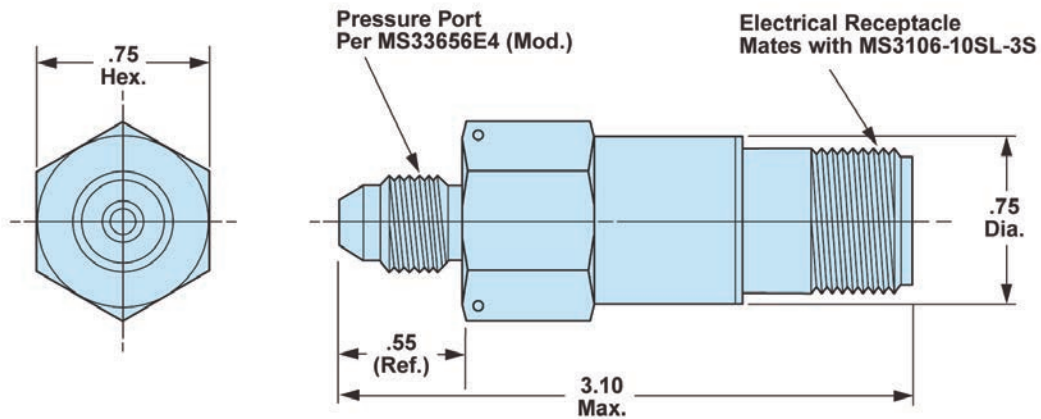


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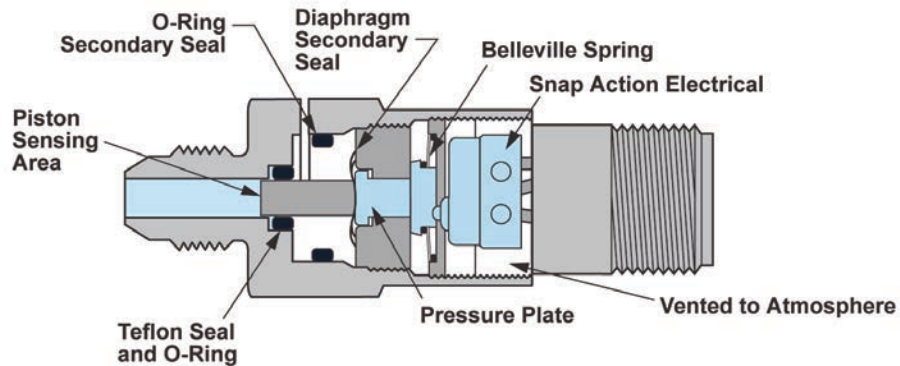
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## Envelope Dimensions



## Basic Principles of Design



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Specifications and dimensions subject to change.