

# 1106P Series Pressure Switch

## Miniature Pressure Switch

Nega-Rate® Belleville disc spring diaphragm sensing mechanism and small size.

- Vented gauge switch
- Compact aluminum construction
- For pneumatic, fuel and moderate hydraulic applications



## General Specifications

- Set point range from 7 to 1000 psig
- Deadband range from 5 psi or 10%, whichever is greater, to 45% of the set point
- Proof pressure up to 3000 psig
- SPDT snap action switch element
- Temperature Range:
  - Ambient -65°F to +275°F (-54°C to +135°C)
  - Media -65°F to +400°F (-54°C to +204°C)
- Vibration capability to 15G's

## Optional Features

- Set point up to 2500 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
- 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®

## Heritage

Neo-Dyn® Series 1106P pressure switch has commercial and military aircraft heritage. It is also used in missile and armored combat vehicle applications.

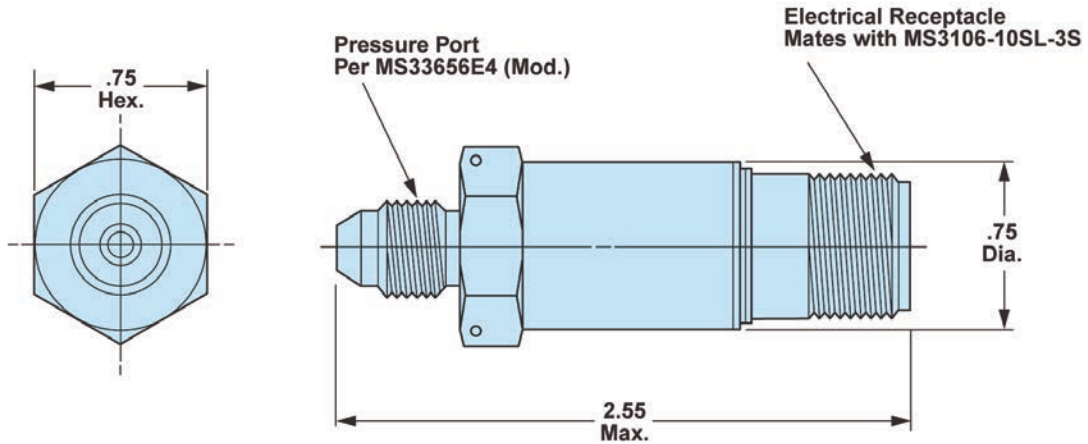


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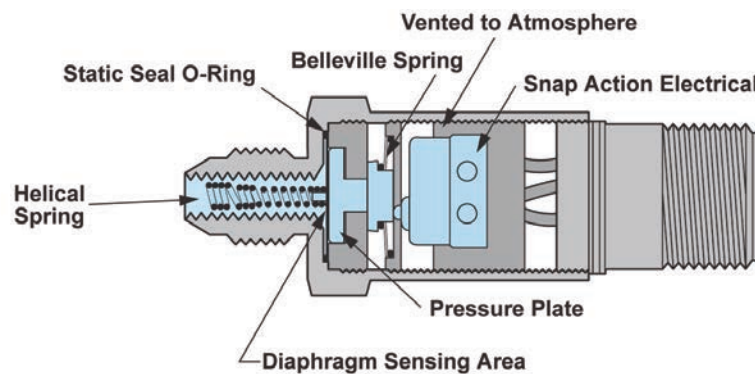
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# 1106P Series Pressure Switch

## Envelope Dimensions



## Basic Principles of Design



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Specifications and dimensions subject to change.