

1225P Pressure Switch

Compact Pressure Switch

Nega-Rate® Belleville disc spring sensing mechanism with refined short stroke piston and low friction seal ensures extensive cycle life. Specially designed for demanding hydraulic applications.

- Piston sensor design
- Mid to high range pressure capabilities
- Especially suited for hydraulic applications



General Specifications

- Set point range from 50 to 7500 psig
- Deadband range from 30 psi or 10%, whichever is greater, to 45% of the set point
- Proof pressure up to 15000 psig
- SPDT snap action switch element
- Electrical chamber environmentally sealed
- Temperature Range:
 - Ambient -65°F to +275°F (-54°C to +135°C)
 - Media -65°F to +275°F (-54°C to +135°C)
- Vibration capability to 10G's

Optional Features

- Set point range up to 12750 psig
- Dry circuit to 10 amps 28 VDC electrical rating
- DPDT snap action switch element
- Electrical assembly hermetically sealed
- Electrical connector per most military specifications or wire leads
- Operating (ambient) temperature up to 350°F (177°C)
- Vibration capabilities up to 15G's
- Pressure connection per most military specifications

Heritage

The Series 1225P has seen extensive usage in numerous applications including commercial & military aircraft (both helicopters and airplanes) and military land vehicles (tanks).

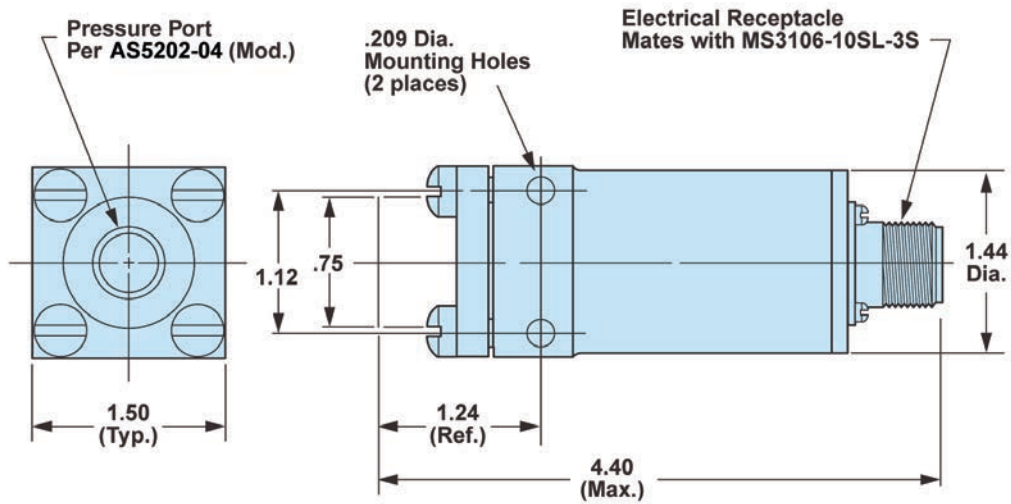


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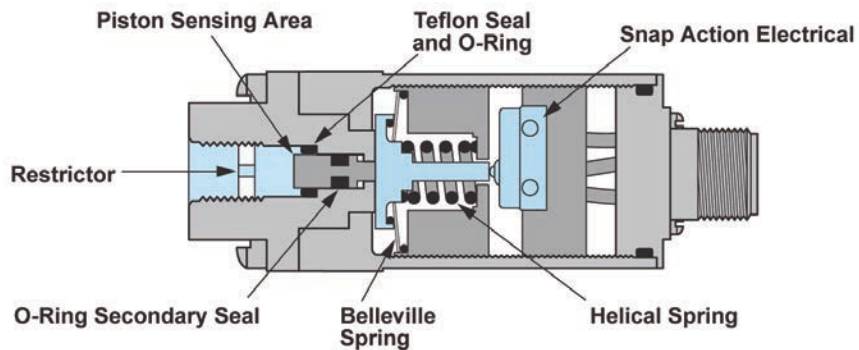
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Envelope Dimensions



Basic Principles of Design



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Specifications and dimensions subject to change.