

1158F Series Fluid Flow Switch

Fluid Flow Switch

Snap action membrane sensing mechanism combined with high efficiency venturi is ideally suited for coolants, oil and fuel flow applications.

- Low pressure drop venturi design



General Specifications

- Set point range from 0.50 to 7.0 GPM
- Deadband range from .08 GPM or 15%, whichever is greater, to 45% of the set point
- System pressure up to 175 psig
- Proof pressure up to 275 psig
- Electrical chamber hermetically sealed per MIL-HDBK-5400 Para. 3.8
- Temperature Range
 - Ambient -40°F to +165°F (-40°C to +70°C)
 - Media -40°F to +165°F (-40°C to +70°C)

Optional Features

- Set point range up to 30 GPM
- Set point range up to 90 GPM in larger configurations
- SPST or DPDT snap action switch element
- Gold contacts for dry circuits
- Temperature capability to 350°F
- QPL listing per MIL-S-28788
- System pressure up to 400 psig in different configuration
- Proof pressure up to 600 psig in different configuration
- Electrical connector per most military specifications or wire leads per MIL-W-16878/4
- Pressure connection per most military specifications

Heritage

The Series 1158F has seen usage in critical Military and "Black" programs.

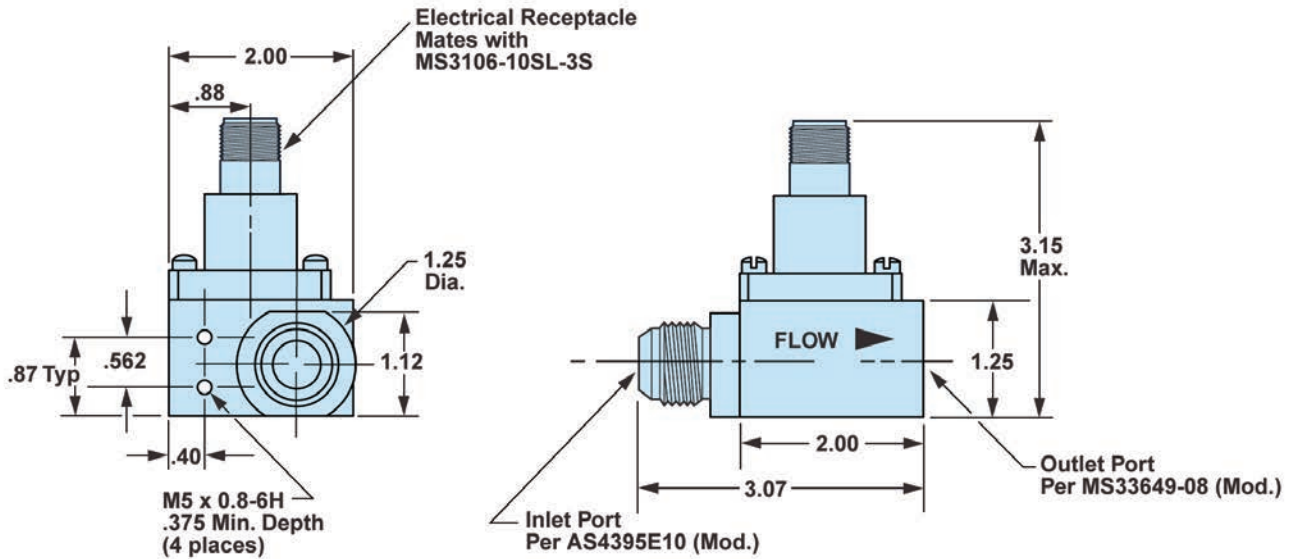


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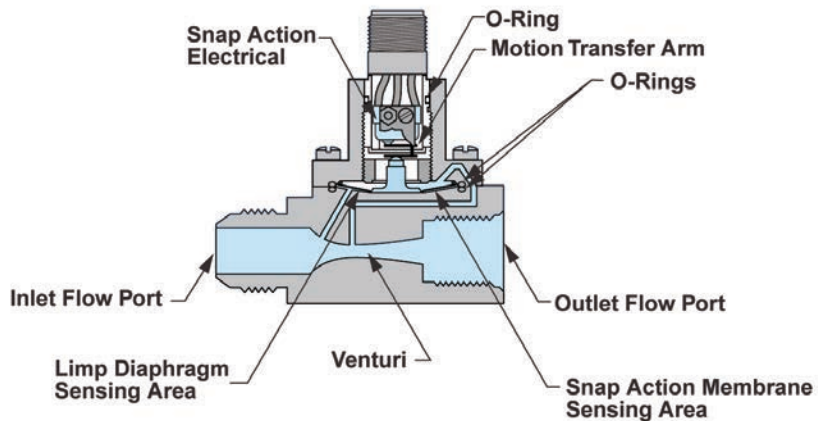
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Envelope Dimensions



Basic Principles of Design



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Specifications and dimensions subject to change.