**SERIES HFO**

**IN-LINE FLOW ALARMS**

Latching Alarm Capabilities, For Air, Water or Caustic Fluids, Unrestricted Mounting

The **SERIES HFO** In-Line Flow Alarms provide continuous monitoring and control of flow rate levels. The flow alarm can be configured to open or close a contact for an increasing or decreasing set point. Available in 1/4˝, 1/2˝, 1˝ or 1-1/2˝ female NPT process connections, in aluminum, brass or 304 SS body.

**FEATURES/BENEFITS**

- Provides analog output to monitor application flow and integral direct reading scale to provide local indication of flow rate.
- Increased application versatility with no inlet or outlet straight plumbing requirement and can be mounted horizontally, vertically, or inverted.
- Outdoor or harsh environment installation capable with rugged cast aluminum construction and NEMA 4X (IP65) enclosure.

**APPLICATIONS**

- Waste water processing
- Lubrication systems
- Process control
- Solar systems
- Panel testing
- Drive data acquisition devices, meters or analog input cards
- Pump testing

**MODEL CHART - DUAL SCALE RANGE**

<table>
<thead>
<tr>
<th>Model</th>
<th>Connection Size</th>
<th>Range, Air: SCFM, SLPS</th>
<th>Body Material</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>HFO-21112</td>
<td>1/4˝ female NPT</td>
<td>2 to 12, 1 to 5.5</td>
<td>Aluminum</td>
<td>$513.00</td>
</tr>
<tr>
<td>HFO-21123</td>
<td>1/4˝ female NPT</td>
<td>4 to 23, 2 to 10</td>
<td>Aluminum</td>
<td>$513.00</td>
</tr>
</tbody>
</table>

- Items are net priced and are not subject to any discount.

**SPECIFICATIONS**

- Service: Compatible gases or liquids.
- Wetted Materials: Body: Aluminum, brass or 304 SS; Seals: Buna-N or Fluoroelastomer; Magnet: PTFE coated Alnico; Other internal parts: 304 SS.
- Viscosity: 500 SSU.
- Temperature Limits: 170°F (76°C).
- Pressure Limits: Aluminum body: 600 psig (41 bar); Brass body: 3000 psig (207 bar); 1-1/2˝ female NPT models: 4.5 lb (2.0 kg); 1-1/2˝ female NPT models: 12 lb (5.4 kg).

**MODEL CHART**

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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>HFO-2205</td>
<td>1/2˝ female NPT</td>
<td>0.5 to 5.0, 2 to 19</td>
<td>Brass</td>
<td>$555.00</td>
</tr>
<tr>
<td>HFO-22315</td>
<td>3/4˝ female NPT</td>
<td>1 to 15, 5 to 55</td>
<td>Brass</td>
<td>$643.00</td>
</tr>
<tr>
<td>HFO-22320</td>
<td>3/4˝ female NPT</td>
<td>2 to 20, 10 to 74</td>
<td>Brass</td>
<td>$643.00</td>
</tr>
<tr>
<td>HFO-22440</td>
<td>1˝ female NPT</td>
<td>4 to 40, 20 to 150</td>
<td>Brass</td>
<td>$1464.00</td>
</tr>
<tr>
<td>HFO-22550</td>
<td>1-1/2˝ female NPT</td>
<td>6 to 50, 20 to 190</td>
<td>Brass</td>
<td>$828.00</td>
</tr>
<tr>
<td>HFO-22320</td>
<td>1-1/2˝ female NPT</td>
<td>1 to 10, 3 to 37.5</td>
<td>Brass</td>
<td>$828.00</td>
</tr>
</tbody>
</table>

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USA: California Proposition 65

⚠️ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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**SERIES HFT**

**IN-LINE FLOW TRANSMITTERS**

Local Flow Indication, Unrestricted Mounting, 4-20 mA, 0-5 V, and 1-5 V Output

The **SERIES HFT** In-Line Flow Transmitters provide continuous monitoring of flow rate levels via a direct reading in-line flowmeter with electronics to provide proportional 4-20 mA, 0-5 and 1-5 VDC analog outputs.

**FEATURES/BENEFITS**

- Provides analog output to monitor application flow and integral direct reading scale to provide local indication of flow rate.
- Increased application versatility with no inlet or outlet straight plumbing requirement and can be mounted horizontally, vertically, or inverted.
- Outdoor or harsh environment installation capable with rugged cast aluminum construction and NEMA 4X (IP65) enclosure.

**APPLICATIONS**

- Waste water processing
- Lubrication systems
- Process control
- Solar systems
- Drive data acquisition devices, meters or analog input cards
- Solar systems
- Drive data acquisition devices, meters or analog input cards

**MODEL CHART - DUAL SCALE RANGE**

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<tr>
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<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>HFT-1112</td>
<td>1/4˝ female NPT</td>
<td>2 to 12, 1 to 5.5</td>
<td>Aluminum</td>
<td>$788.00</td>
</tr>
<tr>
<td>HFT-1123</td>
<td>1/4˝ female NPT</td>
<td>4 to 23, 2 to 10</td>
<td>Aluminum</td>
<td>$788.00</td>
</tr>
</tbody>
</table>

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**SPECIFICATIONS**

- Service: Compatible gases or liquids.
- Wetted Materials: Body: Aluminum, brass or 304 SS; Seals: Buna-N or Fluoroelastomer; Magnet: PTFE coated Alnico; Other internal parts: 304 SS.
- Viscosity: 500 SSU.
- Temperature Limits: 170°F (76°C).
- Pressure Limits: Aluminum body: 600 psig (41 bar); Brass body: 3000 psig (207 bar); 1-1/2˝ female NPT models: 4.5 lb (2.0 kg); 1-1/2˝ female NPT models: 12 lb (5.4 kg).

**MODEL CHART**

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</tr>
</thead>
<tbody>
<tr>
<td>HFT-2205</td>
<td>1/2˝ female NPT</td>
<td>0.5 to 5.0, 2 to 19</td>
<td>Brass</td>
<td>$832.00</td>
</tr>
<tr>
<td>HFT-2315</td>
<td>3/4˝ female NPT</td>
<td>1 to 15, 5 to 55</td>
<td>Brass</td>
<td>$911.00</td>
</tr>
<tr>
<td>HFT-2320</td>
<td>3/4˝ female NPT</td>
<td>2 to 20, 10 to 75</td>
<td>Brass</td>
<td>$911.00</td>
</tr>
<tr>
<td>HFT-2440</td>
<td>1˝ female NPT</td>
<td>4 to 40, 15 to 150</td>
<td>Brass</td>
<td>$1379.00</td>
</tr>
<tr>
<td>HFT-2550</td>
<td>1-1/2˝ female NPT</td>
<td>6 to 50, 20 to 190</td>
<td>Brass</td>
<td>$1050.00</td>
</tr>
<tr>
<td>HFT-3202</td>
<td>1-1/2˝ female NPT</td>
<td>1 to 10, 3 to 37.5</td>
<td>Brass</td>
<td>$1050.00</td>
</tr>
<tr>
<td>HFT-3210</td>
<td>1-1/2˝ female NPT</td>
<td>1 to 10, 3 to 37.5</td>
<td>Brass</td>
<td>$1050.00</td>
</tr>
</tbody>
</table>

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**OPTIONS**

- Use order code: Description | Price
- NISTCAL-F1 | NIST traceable calibration certificate | $215.00