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

The Series HFT In-Line Flow Transmitter provides 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 (IP66) enclosure.

APPLICATIONS
• Waste water processing
• Lubrication systems
• Process control
• Solar systems
• Drain lines
• Pump testing

MODEL CHART - DUAL SCALE RANGE

<table>
<thead>
<tr>
<th>Model</th>
<th>Connection Size</th>
<th>Range, Air: SCFM, LPS</th>
<th>Body Material</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>
</tr>
<tr>
<td>HFT-1123</td>
<td>1/4” female NPT</td>
<td>4 to 23, 2 to 10</td>
<td>Aluminum</td>
</tr>
</tbody>
</table>

OPTIONS
Use order code: Description
NISTCAL-FT1 NIST traceable calibration certificate

USA: California Proposition 65
⚠️ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

IN-LINE FLOW ALARM
Latching Alarm Capabilities, For Air, Water or Caustic Fluids, Unrestricted Mounting

The Series HFO In-Line Flow Alarm provides 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 two 10 A SPDT limit switches with field adjustable alarm settings for application control and integral direct reading scale provides 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 (IP66) enclosure.

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

MODEL CHART - DUAL SCALE RANGE

<table>
<thead>
<tr>
<th>Model</th>
<th>Connection Size</th>
<th>Range, Water: GPM, LPM</th>
<th>Body Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>HFO-22205</td>
<td>1/2” female NPT</td>
<td>0.5 to 5.0, 2 to 19</td>
<td>Brass</td>
</tr>
<tr>
<td>HFO-22315</td>
<td>3/4” female NPT</td>
<td>1 to 15, 5 to 55</td>
<td>Brass</td>
</tr>
<tr>
<td>HFO-22330</td>
<td>3/4” female NPT</td>
<td>2 to 20, 10 to 74</td>
<td>Brass</td>
</tr>
<tr>
<td>HFO-22440</td>
<td>1” female NPT</td>
<td>4 to 40, 20 to 150</td>
<td>Brass</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>
</tr>
<tr>
<td>HFO-23202</td>
<td>1/2” female NPT</td>
<td>2 to 1, 1 to 8</td>
<td>304 SS</td>
</tr>
<tr>
<td>HFO-23210</td>
<td>1/2” female NPT</td>
<td>1 to 10, 2 to 37.5</td>
<td>304 SS</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.
Pressure Limits: 3500 psi (240 bar); 304 SS body: 6000 psi (413 bar).
Temperature Limits: 170°F (76°C).
Accuracy: ±2% FS.
Repeatability: ±1% of FS.
Shipping Weight: 1/4 to 1/2” female NPT models: 3 lb (1.4 kg); 3/4” to 1” female NPT models: 4.5 lb (2.0 kg); 1-1/2” female NPT models: 12 lb (5.4 kg).

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