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.

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

**SPECIFICATIONS**
- Service: Compatible gases or liquids.
- Wetted Materials: Body: Aluminum, brass or 304 SS; Seals: Buna-N or fluoroelastomer; Magnet: TFE coated Alnico; Other internal parts: 304 SS.
- Viscosity: 500 SSU.
- Temperature Limits: 170°F (76°C).
- Pressure Limits: Aluminum body: 400 psig (28 bar); Brass body: 1500 psig (103 bar); 304 SS body: 400 psig (28 bar) or 304 SS body: 2000 psig (138 bar) or 1200 psig (82 bar) or 800 psig (55 bar) or 600 psig (41 bar).
- Power Requirements: 12-35 VDC.
- Response Time: < 100 ms.
- Repeatability: ±2% of FS.
- Accuracy: ±2% of FS.
- Response Time: < 100 ms.
- Enclosure Rating: NEMA 4X (IP65).

**MODEL CHART**

<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-2205</td>
<td>1/2˝ female NPT</td>
<td>1 to 10, 2 to 20</td>
<td>Brass</td>
</tr>
<tr>
<td>HFO-2331</td>
<td>1/2˝ female NPT</td>
<td>1 to 15, 2 to 30</td>
<td>Brass</td>
</tr>
<tr>
<td>HFO-22320</td>
<td>1/2˝ female NPT</td>
<td>2 to 20, 3 to 40</td>
<td>Brass</td>
</tr>
<tr>
<td>HFO-22440</td>
<td>1/2˝ female NPT</td>
<td>4 to 40, 5 to 60</td>
<td>Brass</td>
</tr>
<tr>
<td>HFO-23550</td>
<td>1-1/2˝ female NPT</td>
<td>6 to 50, 7 to 70</td>
<td>Brass</td>
</tr>
<tr>
<td>HFO-23202</td>
<td>1˝ female NPT</td>
<td>2 to 20, 3 to 30</td>
<td>304 SS</td>
</tr>
<tr>
<td>HFO-23210</td>
<td>1˝ female NPT</td>
<td>1 to 10, 2 to 20</td>
<td>304 SS</td>
</tr>
</tbody>
</table>

USA: California Proposition 65

**WARNING:** This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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 V and 1-5 V DC analog outputs.

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

**SPECIFICATIONS**
- Service: Compatible gases or liquids.
- Wetted Materials: Body: Aluminum, brass or 304 SS; Seals: Buna-N or fluoroelastomer; Magnet: TFE coated Alnico; Other internal parts: 304 SS.
- Viscosity: 500 SSU.
- Temperature Limits: 170°F (76°C).
- Pressure Limits: Aluminum body: 400 psig (28 bar); Brass body: 1500 psig (103 bar); 304 SS body: 400 psig (28 bar) or 304 SS body: 2000 psig (138 bar) or 1200 psig (82 bar) or 800 psig (55 bar) or 600 psig (41 bar).
- Power Requirements: 12-35 VDC.
- Response Time: < 100 ms.
- Repeatability: ±2% of FS.
- Accuracy: ±2% of FS.
- Response Time: < 100 ms.
- Enclosure Rating: NEMA 4X (IP65).

**MODEL CHART**

<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>HFT-2205</td>
<td>1/2˝ female NPT</td>
<td>0.5 to 5.0, 2 to 19</td>
<td>Brass</td>
</tr>
<tr>
<td>HFT-2315</td>
<td>3/4˝ female NPT</td>
<td>1 to 15, 5 to 55</td>
<td>Brass</td>
</tr>
<tr>
<td>HFT-2320</td>
<td>3/4˝ female NPT</td>
<td>2 to 20, 1 to 30</td>
<td>Brass</td>
</tr>
<tr>
<td>HFT-2440</td>
<td>1˝ female NPT</td>
<td>4 to 40, 15 to 150</td>
<td>Brass</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>
</tr>
<tr>
<td>HFT-3202</td>
<td>1˝ female NPT</td>
<td>2 to 2, 1 to 3</td>
<td>304 SS</td>
</tr>
<tr>
<td>HFT-3210</td>
<td>1˝ female NPT</td>
<td>1 to 10, 2 to 5</td>
<td>304 SS</td>
</tr>
</tbody>
</table>

USA: California Proposition 65

**WARNING:** This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.