Dwyer INSTRUMENTS, INC. | dwyer-inst.com

## IN-LINE FLOW TRANSMITTER
### 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 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
- 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: 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: 3500 psig (240 bar), 304 SS body: 6000 psig (413 bar).
- Range, Water: 1 to 10, 3 to 37.5 GPM, LPM
- Body Material: Aluminum
- 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>HFT-2315</td>
<td>1/4˝ 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, 10 to 74</td>
<td>Brass</td>
</tr>
<tr>
<td>HFT-2340</td>
<td>1˝ female NPT</td>
<td>4 to 40, 20 to 150</td>
<td>Brass</td>
</tr>
<tr>
<td>HFT-2350</td>
<td>1-1/2˝ female NPT</td>
<td>6 to 50, 20 to 190</td>
<td>Brass</td>
</tr>
<tr>
<td>HFT-2320</td>
<td>1/2˝ female NPT</td>
<td>2 to 2, 1 to 8</td>
<td>304 SS</td>
</tr>
<tr>
<td>HFT-2321</td>
<td>1/2˝ female NPT</td>
<td>1 to 10, 3 to 37.5</td>
<td>304 SS</td>
</tr>
</tbody>
</table>

### MODEL CHART
- 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 and can be mounted horizontally, vertically, or inverted.
- Increased application versatility with no inlet or outlet straight plumbing requirement.
- Provides analog output to monitor application flow and integral direct reading scale to provide local indication of flow rate.

### 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: 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: 3500 psig (240 bar), 304 SS body: 6000 psig (413 bar).
- Range, Water: 1 to 10, 3 to 37.5 GPM, LPM
- Body Material: Aluminum
- 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-2205</td>
<td>1/2˝ female NPT</td>
<td>0.5 to 5.0, 2 to 19</td>
<td>Brass</td>
</tr>
<tr>
<td>HFO-2215</td>
<td>1/4˝ female NPT</td>
<td>1 to 15, 5 to 55</td>
<td>Brass</td>
</tr>
<tr>
<td>HFO-2232</td>
<td>3/4˝ female NPT</td>
<td>2 to 20, 10 to 74</td>
<td>Brass</td>
</tr>
<tr>
<td>HFO-2240</td>
<td>1˝ female NPT</td>
<td>4 to 40, 20 to 150</td>
<td>Brass</td>
</tr>
<tr>
<td>HFO-2250</td>
<td>1-1/2˝ female NPT</td>
<td>6 to 50, 20 to 190</td>
<td>Brass</td>
</tr>
<tr>
<td>HFO-2220</td>
<td>1/2˝ female NPT</td>
<td>2 to 2, 1 to 8</td>
<td>304 SS</td>
</tr>
<tr>
<td>HFO-2231</td>
<td>1/2˝ female NPT</td>
<td>1 to 10, 3 to 37.5</td>
<td>304 SS</td>
</tr>
</tbody>
</table>

### MODEL CHART
- USA: California Proposition 65

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

---

**Options**
- Use order code: Description
  - NISTCAL-F1: NIST traceable calibration certificate

---

280 Dwyer INSTRUMENTS, INC. | dwyer-inst.com