The Series HFT combines a direct reading HF flowmeter with electronics to provide a proportional analog output of 4-20, 0-5, and 1-5 VDC. Use the output to drive data acquisition devices, meters, or analog input cards. The entire assembly is housed in a rugged cast aluminum NEMA 4X enclosure. The unit can be installed in outdoor applications or harsh environments where liquid tight seals are required. The flow transmitter does not require input or output straight plumbing, and can be mounted in any orientation.

APPLICATIONS
HFT Flow Transmitters can be used to set flow rates, fluid motor and cylinder speeds. Check pump high pressure performance, pressure relief valve settings, fluid handling systems in agricultural, construction or industrial machinery, power tools and equipment. Monitor air with aluminum models; petrochemical operations with brass or stainless steel models.

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.
Accuracy: ±4% FS over entire range; ±2.5% over center third of the measuring range.
Repeatability: ±1% of full scale.
Response Time: <100 msec.
Output Signal: 4-20 mA; 0-5 V; 1-5 V.
Temperature Limits: 240˚F (116˚C).
Pressure Limits: See chart.
Power Requirements: 12-35 VDC.
Enclosure Rating: NEMA 4X (IP65).
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).

Aluminum body for air or other non-corrosive gases:
600 psig (41 bar)
Wetted Parts: Aluminum, PTFE coated Alnico, 304 SS and Buna-N

Brass body for water based fluids (non-steam):
3500 psig (240 bar)
Wetted Parts: Brass, PTFE coated Alnico, 304 SS and Buna-N

304 SS body for high-pressure fluids:
6000 psig (413 bar)
Wetted Parts: 304 SS, Fluoroelastomer and PTFE

<table>
<thead>
<tr>
<th>Model</th>
<th>Connection Size</th>
<th>Range, Water GPM (LPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HFT-2205</td>
<td>1/2˝ female NPT</td>
<td>0.5-5.0 (1-19)</td>
</tr>
<tr>
<td>HFT-2315</td>
<td>3/4˝ female NPT</td>
<td>1-15 (3.8-55)</td>
</tr>
<tr>
<td>HFT-2320</td>
<td>3/4˝ female NPT</td>
<td>2-20 (7.5-75)</td>
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<tr>
<td>HFT-2440</td>
<td>1˝ female NPT</td>
<td>4-40 (15-151)</td>
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<tr>
<td>HFT-2550</td>
<td>1-1/2˝ female NPT</td>
<td>5-50 (19-189)</td>
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</tbody>
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<tbody>
<tr>
<td>HFT-3202</td>
<td>1/2˝ female NPT</td>
<td>0.2-2.0 (0.75-7.5)</td>
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<tr>
<td>HFT-3210</td>
<td>1/2˝ female NPT</td>
<td>1-10 (3.8-36)</td>
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</tbody>
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Pressure Differential VS. Flow Rate