**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 combines a direct reading HF flowmeter with electronics to provide a proportional analog output of 4 to 20 mA, 0 to 5 V, and 1 to 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 (IP66) 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.

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, Other internal parts: 304 SS

**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.
- Accuracy: ±0.5% of full-scale.
- Response Time: < 100 msec.
- Output Signal: 4 to 20 mA, 0 to 5 V, 1 to 5 V.
- Temperature Limits: 170°F (76°C).
- Pressure Limits: See chart.
- Power Requirements: 12 to 35 VDC.
- Shipping Weight: 1/4” to 1/2” female NPT models: 3 lb (1.4 kg); 3/4” to 1” female NPT models: 4 lb (2 kg); 1-1/2” female NPT models: 12 lb (5.4 kg).

**FLOW MEASURING RANGES**

- Model HFT-1123: 1/4” female NPT
- Model HFT-1112: 1/2” female NPT
- Model HFT-2205: 1/2” female NPT
- Model HFT-2315: 3/4” female NPT
- Model HFT-2320: 3/4” female NPT
- Model HFT-2440: 1” female NPT
- Model HFT-2550: 1-1/2” female NPT

**RESOLUTION**

- 1-15 (3.8-55)
- 1-10 (3.8-37.9)
- 0.5-5 (1.9-18.9)

**Price**

- $760.00
- $832.00
- $210.00

- OPTION
  - For NIST traceable calibration certificate, use order code NISTCAL-FT1

---

**Series DFT**

Inline Differential Flow Transmitter

Low Cost, Compact and Rugged Design

Series DFT Flow Transmitters use a segmented wedge differential producer to measure flow rates as related to pressure to monitor process fluids. The segmented wedge provides a simple and reliable restriction for sensing flow as related to pressure differential. The sensor can be mounted in any position and allows the designer to install it in any orientation:

- flow rates as related to pressure to monitor process fluids.
- The segmented wedge provides a simple and reliable restriction for sensing flow as related to pressure differential.
- The sensor offers low-cost precision with a measuring accuracy of ±2% of full-scale range and repeatability of ±0.5%.

**SPECIFICATIONS**

- Service: Compatible liquids.
- Wetted Materials: End ports: PVC; Wedge element: PVC; Pressure sensor: polyethermide.
- Flow Measuring Ranges: 0.5 to 5, 1 to 10, 1 to 15 GPM.
- Accuracy: ±2% of full-scale.
- Repeatability: ±0.5% of full-scale.
- Response Time: Indication of no less than 90% of any step change within <500ms.
- Power Requirements: 12 to 35 VDC. Output Signal: 4 to 20 mA (optional 0 to 5 VDC or 0 to 10 VDC consult factory).

**OPTION**

- For NIST traceable calibration certificate, use order code NISTCAL-FT1

---

**Price**

- $959.00
- $1589.00
- $210.00

- OPTION
  - For NIST traceable calibration certificate, use order code NISTCAL-FT1

---

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