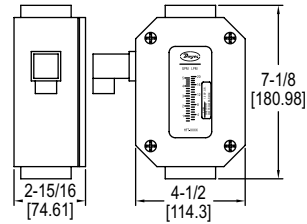


SERIES HFT

IN-LINE FLOW TRANSMITTER

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

CALIBRATION SERVICES AVAILABLE



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.

BENEFITS/FEATURES

- 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

MODEL CHART - DUAL SCALE RANGE

Model	Connection Size	Range, Air: SCFM, SLPS	Body Material
HFT-1112	1/4" female NPT	2 to 12, 1 to 5.5	Aluminum
HFT-1123	1/4" female NPT	4 to 23, 2 to 10	Aluminum

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).

Power Requirements: 12-35 VDC.

Enclosure Rating: NEMA 4X (IP66).

Accuracy: ±2% FS.

Repeatability: ±1% of FS.

Response Time: < 100 ms.

Output Signal: 4-20 mA; 0-5 V; 1-5 V.

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).

MODEL CHART

Model	Connection Size	Range, Water: GPM, LPM	Body Material
HFT-2205	1/2" female NPT	0.5 to 5.0, 2 to 19	Brass
HFT-2315	3/4" female NPT	1 to 15, 5 to 55	Brass
HFT-2320	3/4" female NPT	2 to 20, 1 to 75	Brass
HFT-2440	1" female NPT	4 to 40, 15 to 150	Brass
HFT-2550	1-1/2" female NPT	6 to 50, 20 to 190	Brass
HFT-3202	1/2" female NPT	.2 to 2, 1 to 8	304 SS
HFT-3210	1/2" female NPT	1 to 10, 3 to 3.75	304 SS

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.