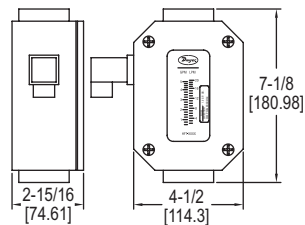


## SERIES HFT

## IN-LINE FLOW TRANSMITTER

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



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.

## 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

## 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

## OPTIONS

Use order code:	Description
NISTCAL-FT1	NIST traceable calibration certificate

## 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: Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)