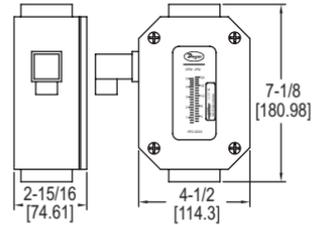


**Dwyer**

SERIES HFO

# 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 construction and NEMA 4X (IP65) enclosure

### APPLICATIONS

- Waste water processing
- Lubrication systems
- Process control
- Solar systems
- Drain lines
- Pump testing

### MODEL CHART - DUAL SCALE RANGE

Model	Connection Size	Range, Air: SCFM, SLPS	Body Material
HFO-21112	1/4" female NPT	2 to 12, 1 to 5.5	Aluminum
HFO-21123	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).

**Enclosure Rating:** NEMA 4X (IP66).  
**Accuracy:** ±2% FS.  
**Repeatability:** ±1% of FS.  
**Switch Type:** SPDT, 10 A @ 250 VAC; 0.5 A @ 125 VDC, (resistive).  
**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
HFO-22205	1/2" female NPT	0.5 to 5.0, 2 to 19	Brass
HFO-22315	3/4" female NPT	1 to 15, 5 to 55	Brass
HFO-22320	3/4" female NPT	2 to 20, 10 to 74	Brass
HFO-22440	1" female NPT	4 to 40, 20 to 150	Brass
HFO-22550	1-1/2" female NPT	6 to 50, 20 to 190	Brass
HFO-23202	1/2" female NPT	.2 to 2, 1 to 8	304 SS
HFO-23210	1/2" female NPT	1 to 10, 3 to 37.5	304 SS

USA: California Proposition 65

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