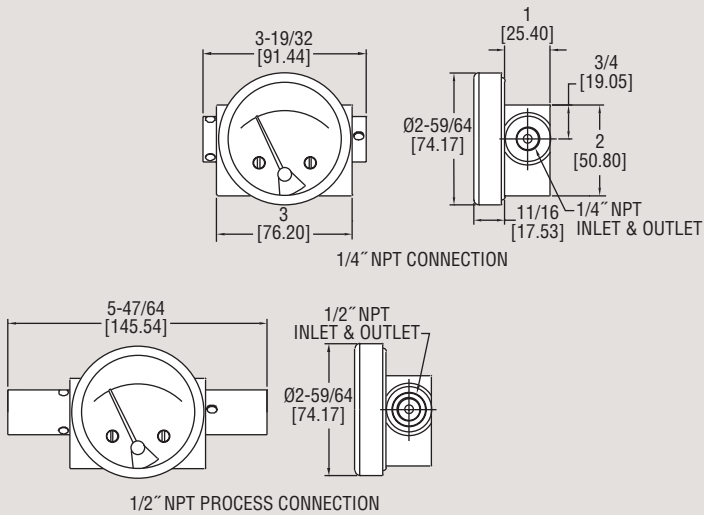




Series  
DTFA

# Variable-Area Flowmeter for Gases

Economical, Aluminum Body, 5% FS Accuracy



The Series DTFA Variable-Area Flowmeter for Gases measures gas flow rates with  $\pm 5\%$  of full-scale accuracy at an affordable price. Rugged aluminum construction ensures great compatibility and the strength to withstand system pressures of up to 3000 psig (200 bar). Available in either 1/4" or 1/2" NPT connections. Comes pre-calibrated for horizontal in-line mounting.

### SPECIFICATIONS

**Service:** Compatible gases.

**Wetted Materials:**

- Body: Aluminum;
- Spring: PTFE-coated;
- Range spring: 302 SS;
- Magnet: PTFE-coated;
- Metering cone: Acetal;
- Seals: Buna.

**Temperature Limits:** -40 to 200°F (-40 to 93°C).

**Pressure Limit:** 3000 psig (200 bar).

**Accuracy:**  $\pm 5\%$  FS.

**Repeatability:**  $\pm 1\%$  FS.

**Size:** Diameter dial face 2.5" (63.5 mm).

**Process Connections:** See model chart.

**Weight:** DTFA-1A: 3 lb (1.36 kg); DTFA-2A: 5 lb (2.27 kg).

Model	Range, SCFM	Connection
DTFA-1A-10A	1.5 to 10	1/4" NPT
DTFA-1A-15A	2.0 to 15	1/4" NPT
DTFA-1A-20A	3.0 to 20	1/4" NPT
DTFA-1A-25A	3.0 to 25	1/4" NPT
DTFA-2A-30A	3.0 to 30	1/2" NPT
DTFA-2A-40A	4.0 to 40	1/2" NPT
DTFA-2A-50A	4.0 to 50	1/2" NPT
DTFA-2A-75A	5.0 to 75	1/2" NPT
DTFA-2A-100A	10.0 to 100	1/2" NPT

FLOW

Flowmeters, In-Line