

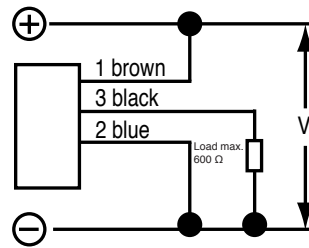
DESCRIPTION

Ideal for small pipe and low flow applications, the CalFlo™ CFAM is an inline thermal mass air flow meter that will accurately measure and control a variety of gaseous media. Completely encapsulated in epoxy resin, CFAM features solid-state sensing, adjustable measuring range, LED output display and is well-suited for small pipes up to 3/4" in diameter. Typical applications include vent gas, wet stack gas, sample line flow, purge flow, nitrogen blanket flow and many others. Select the appropriate configurations based on your application or contact our Application Specialist for additional assistance.

FEATURES & BENEFITS

- Compact, Rugged Industrial Design
- Ideal for Small Pipe and Low Flow Applications
- High-Accuracy with NO Moving Parts
- Provides 4-20 mA Measurement
- Features LED Output Display
- Temperature Compensated

CONNECTION DIAGRAM



SPECIFICATIONS

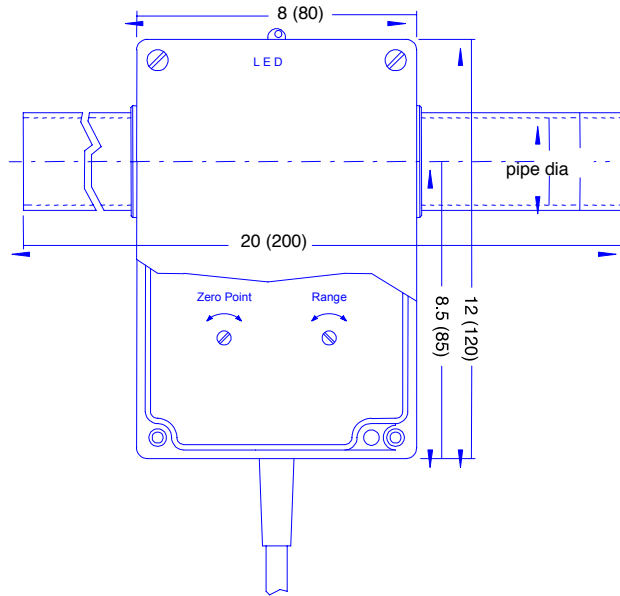


Sensor	
Service	Compatible Gasses
Measuring Range	CFAM-00: 0.25 to 16 fps (5 mps) CFAM-01: 0.25 to 32 fps (10 mps) CFAM-02: 0.25 to 65 fps (20 mps) CFAM-03: 0.25 to 98 fps (30 mps)
Measuring Range Adjustment	Continually adjustable from 20% to 100% of the special measuring range, 2 potentiometers (zero point range)
Accuracy	< 3%
Repeatability	< 1%
Temperature Drift	< 0.3% / K
Process Temperature	F: -4° to 158° C: -20° to 70°
Ambient Temperature	F: -4° to 158° C: -20° to 70°
Pressure	140 psi (10 bar)
Protection Rating	NEMA 4 (IP65)
Approval	CE

Mechanical	
Inline Sensor Pipe Material	Stainless Steel
Sensor Material	Ceramic, platinum with overglaze
Enclosure Material	Makrolon®
Connection Size	1/4", 1/2", 3/4"
Connection Type	Male NPT (Std.); Special Connection (Optional)
Electrical	
Supply Voltage	24 VDC ±15%
Consumption	Approx. 800 mW to 1.3 W (at max. flow)
Output Current	4-20 mA
Loop Resistance	0-600 ohm
Cable	
Cable Jacket Material	Oilflex
Cable Length	6.5 ft, 3-conductor 18 AWG

Note: Please Consult Factory for Special Requirements

DIMENSIONS



Ordering Information

FLO-CORP MODEL NUMBER BUILDER

For Assistance Call **877.356.5463**

Use the diagram below, working from left to right to construct your Flo-Corp Model Number. Simply match the category number to the corresponding box number.

Example: CFAM-00-06-T CalFlo™ CFAM Air Flow Meter, 0.25 to 16 fps Measuring Range, 3/4" Sensor Pipe Diameter, Male NPT Connection

CFAM — — —

CFAM —

Measuring Range (1)

- 00)** 0.25 to 16 fps (5 mps)
- 01)** 0.25 to 32 fps (10 mps)
- 02)** 0.25 to 65 fps (20 mps)
- 03)** 0.25 to 98 fps (30 mps)

Connection Size (Pipe Diameter)

- 02)** 1/4"
- 04)** 1/2"
- 06)** 3/4"

Connection Type (2) (3)

- C)** Compression Fitting (Std)
- T)** Male NPT Threaded
- X)** Special Connection

Ordering Notes:

- (1)** Select the best configuration based on your requirements
- (2)** If you require a Special Connection (X), please consult factory with your requirements
- (3)** Comes complete with 6.5' (2m) pre-wired cable and manual

Specifications are subject to change without notice.