



Flow Sensor
Module

Comfort is a breeze

Monitor flow in a Variable Air Volume (VAV) or constant volume air terminal precisely and easily with the Reliable Controls® Flow Sensor (FS)



Better by design

www.reliablecontrols.com/FS

TECH SPECS

Velocity Sensor

- Range: 0–348 Pa (0–1.4" wc)
- Accuracy: $\pm 5\%$ of range (typical test results $\pm 2\%$)
- Temperature Characteristic: $\pm 5\%$ of range
- Maximum Pressure Differential: 50 kPa (7 psi)

Supply Voltage

- 0.5 VA @ 24 VAC/VDC

Output Signal

- 0–2.5 VDC non-linear, table required for scaling

Tube Connections

- Standard 6.35 mm ($1/4"$) O.D. control tubing
- Flare on barb connector is 4.77 mm ($3/16"$) O.D.

Dimensions

- 8.6 cm L x 3.5 cm W x 3.8 cm H ($3\frac{3}{8}"$ L x $1\frac{3}{8}"$ W x $1\frac{1}{2}"$ H)

Mounting

- Standard 3" snap track

Weight

- 0.03 kg (0.1 lb.)

Ambient Limits

- Operating: -10 °C to 60 °C (14 °F to 140 °F)
10% to 85% RH non-condensing
- Shipping: -40 °C to 80 °C (-40 °F to 176 °F)
10% to 85% RH non-condensing

FEATURES

Velocity Sensor

- Flow-through thermistor type
- Cyclone flow design diverts particulates from sensor element
- High accuracy reliable mass flow measurement

ORDERING

FS

- Flow Sensor, complete with snap track

APPLICATION DIAGRAM

