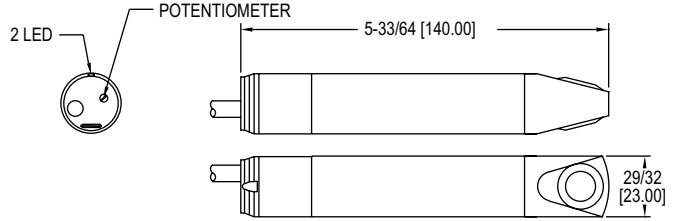


AIR FLOW SWITCH

Monitors Flow in Ducts with Contact Output and Local LED Indication



The **Series AVFS Air Flow Switch** is specifically designed to monitor air flow in ducts and provides a 3 A contact output to indicate a change or loss of flow. The AVFS provides a $\pm 5\%$ set point repeatability across a full-scale range of 1-10 m/s (197-1969 FPM) and includes a mounting bracket for quick duct mounting.

BENEFITS/FEATURES

- Integral red/green air flow status LEDs
- Flush sensor design limits issues due to dust or particulate in the air flow
- IP65 construction

APPLICATIONS

- Fan monitoring
- Filter monitoring
- Damper feedback
- Air handlers

MODEL CHART	
Model	Description
AVFS-1	80-250 AC/DC power thermo air flow switch
AVFS-2	24 VDC power thermo air flow switch

SPECIFICATIONS

Air Velocity Range: 197-1969 FPM (1-10 m/s).
Temperature Limits: 5 to 122°F (-10 to 50°C).
Humidity Limits: 0-90% RH.
Wetted Materials: PBT body, titanium sensor.
Pressure Limit: 14.7 psig (1 bar).
Housing: PBT.
Repeatability: $\pm 5\%$ FS.
Switch Type: N.O. SPST.
Electrical Rating: 3 A @ 30 VDC/250 VAC.
Response Time: 3-60 s. Varies with flow and set point.
Power Requirement: AVFS-1: 80 to 250 AC/DC (47 to 63 Hz AC); AVFS-2: 24 VDC $\pm 25\%$.
Power Consumption: 3 VA.
Electrical Connection: 6.5' (2 m) cable.
Enclosure Rating: IP65.
Display: 1 red LED/1 green LED.
Weight: 7.2 oz (203 g).
Compliance: CE.