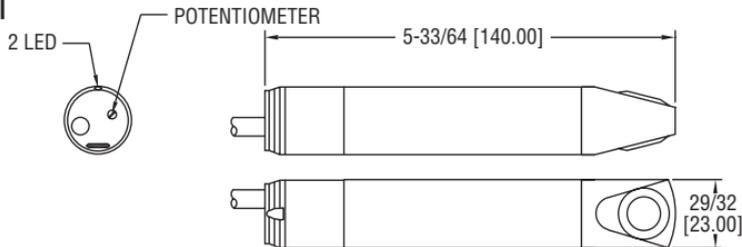




AIR FLOW SWITCH

Monitors Flow in Ducts with Contact Output and Local LED Indication



The **SERIES AVFS** Adjustable 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.

FEATURES/BENEFITS

- Integral red/green air flow status LED's
- 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

SPECIFICATIONS

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

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