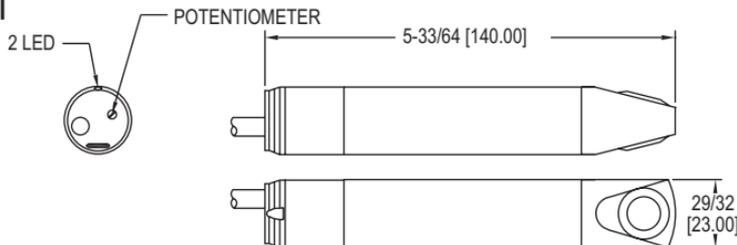


**Dwyer**

SERIES AVFS

# 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

**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 seconds. 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).

**Agency Approvals:** CE.

## MODEL CHART

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