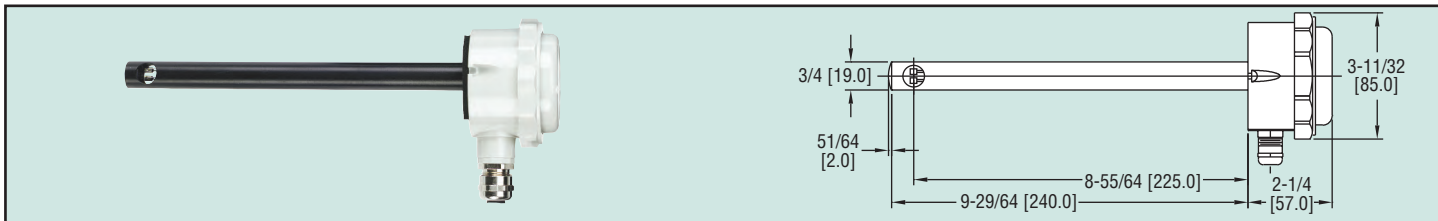




Series  
AVUB

# Air Velocity Transmitter

Ideal for Monitoring Air Flow in Building Automation Systems,  $\pm 8\%$  Full Scale Accuracy



Our popular AVU Series Transmitter is now available in an even more competitively priced package with the new **AVUB Series Air Velocity Transmitter**. The Series AVUB Transmitter operates by measuring the heat loss from its sensing element in the air-stream and calculating the air velocity by reading the local temperature of the air on its probe. Units are virtually immune to drift due to the design of the sensing element, which makes the transmitter accurate over the entire air velocity range. The Series AVUB offers 8% accuracy at a surprisingly low cost. Models are available in three ranges of 0 to 785 fpm (0 to 4 m/s), 0 to 1575 fpm (0 to 8 m/s), and 0 to 3150 fpm (16 m/s) with a 0 to 10 VDC output. The Series AVUB is ideal for a wide range of HVAC measurement and control applications, particularly in complete building control and energy management systems.

## FEATURES

- 0 to 10 V output
- NEMA 6 (IP67) enclosure rating
- AC or DC powered
- 8% accuracy

## APPLICATIONS

- Supply and exhaust fan tracking
- Clean room systems
- Air pollution studies and manufacturing
- Process control systems

## SPECIFICATIONS

**Service:** Clean air and compatible, non-combustible gases.

**Accuracy:**  $\pm 8\%$  of FS.

**Response Time (90%):** 10 s (typical).

**Temperature Limits:** 32 to 104°F (0 to 40°C).

**Humidity Limits:** 0 to 90% RH, non-condensing.

**Power Requirements:** 24 VDC or 24 VAC +10% to 15%.

**Output Signal:** 0 to 10 VDC.

**Max. Start Up Current:** 60 mA + output current.

**Electrical Connections:** Screw terminal. Cable gland for 4 to 8 mm wire (16 ga wire).

**Enclosure Rating:** NEMA 6 (IP67) except sensing point.

**Mounting Orientation:** Unit not position sensitive. Probe must be aligned with airflow.

**Weight:** 8.8 oz (250 g).

Model	Range	Output
AVUB-1-V	0 to 785 fpm (0 to 4 m/s)	0 to 10 VDC
AVUB-2-V	0 to 1575 fpm (0 to 8 m/s)	0 to 10 VDC
AVUB-3-V	0 to 3150 fpm (0 to 16 m/s)	0 to 10 VDC

# TRANSCAT®

▶ Visit us at [Transcat.com!](http://Transcat.com!)

35 Vantage Point Drive // Rochester, NY 14624 // Call 1.800.800.5001