Air Velocity Transmitter

Ideal for Building Automation Systems, ±5% or ±8% Full Scale Accuracy

Models Select Chart

Model	Description
AVU-1-A	Air velocity transmitter, range 0-785 FPM (0-4 m/s), 4-20 mA output.
AVU-1-V	Air velocity transmitter, range 0-785 FPM (0-4 m/s), 0-10 VDC output.
AVU-2-A	Air velocity transmitter, range 0-1575 FPM (0-8 m/s), 4-20 mA output.
AVU-2-V	Air velocity transmitter, range 0-1575 FPM (0-8 m/s), 0-10 VDC output.
AVU-3-A	Air velocity transmitter, range 0-3150 FPM (0-16 m/s), 4-20 mA output.
AVU-3-V	Air velocity transmitter, range 0-3150 FPM (0-16 m/s), 0-10 VDC output.
AVUB-1-V	Air velocity transmitter, 0-785 fpm (0-4 m/s) with 0-10 VDC output.
AVUB-2-V	Air velocity transmitter, 0-1575 fpm (0-8 m/s) with 0-10 VDC output.
AVUB-3-V	Air velocity transmitter, 0-3150 fpm (0-16 m/s) with 0-10 VDC output.

Specifications:-		
Service	:	Clean air and compatible, non-combustible gases.
Accuracy	:	AVU: ±5% of FS; AVUB: ±8% of FS.
Response Time (90%)	:	5 sec (typical).
Temperature Limits	:	32 to 122°F (0 to 50°C).
Humidity Limit	:	0-90% RH, non-condensing.
Power Requirements	:	-A models 24 VDC +10% - 15%; -V models 24 VDC or 24 VAC +10% - 15%.
Output Signal	:	-A models 4 to 20 mA current loop; -V models 0 to 10 VDC.
Loop Resistance	:	(-A models) 700 Ω.
Current Consumption	:	60 mA + output current.
Maximum Start Up Current	:	85 mA; 10 V.

Output Current Limit	**:**	(-V models) >10 mA.
Electrical Connections	**:**	Screw terminal. Cable gland for 4-8 mm wire (16 gage wire).
Enclosure Rating	**:**	NEMA 6 (IP67) except sensing point.
Probe Dimensions	**:**	9.45 x .75" (240 x 19 mm).
Mounting Orientation	**:**	Unit not position sensitive. Probe must be aligned with airflow.
Weight	**:**	8.8 oz (250 g).
Agency Approvals	**:**	CE.