

AIR SPEED SENSORS

Mini air velocity transmitter series are designed for high accuracy measurement of lowest air velocities. It is the ideal solution for laminar flow control and special ventilation applications. The design with the ceramic substrates is fruitful to avoid chip corrosion. The design of mini air velocity sensor is for the narrow space, it shows a perfect integration about sensor and transmitter in a probe with 180mm length. The thin film sensor guarantees accidental accuracy with low power consumption. high-precision, small dimension. It could be used in hand-held device.

For HVAC, Ventilation, Air-condition, Purification room, Lab, Purification Workshop...



Specifications

Power Supply	12V DC/AC 24V DC/AC
Mesuring Range	0-1m/s 0-2m/s 0-5m/s 0-10m/s 0-15m/s 0-20 m/s 0-30 m/s
Output	0-5V 0-10V 4-20mA
Accuracy of Measurement	0.5-30m/s:± {0.2m/s+3%of MV }
Consumption	0.3 W
Protection Rating	IP20
Sensing Elements	thermal film sensor
Working Environment	Temperature: 0-60 °C Humidity:5%-95%
Length of Probe	150 mm (230 mm)
Material of Probe	ABS Engineering plastic