

The **Remote AV Sensor** is the ideal solution for unidirectional flow and ventilation monitoring in cleanroom environments and for HVAC applications.

The Remote AV Sensor has a highly accurate sensor for measurement of low air velocity and is most suitable for cleanroom and controlled environment device monitoring such as isolators, cabinets, and biological safety cabinets.

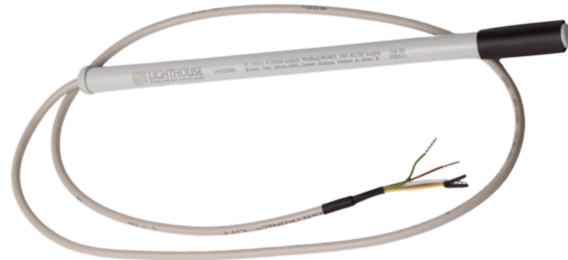
Only one CAT 5/6 cable is required for power and communications.

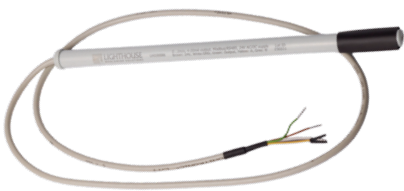
FEATURES

- Hotwire compact thermal sensor
- Fixed ranges: 0...1, 0...2, 0...5, 0...10 and 0...20 m/s
- Special ranges possible upon request
- Modbus / RS485 port
- Calibration over Modbus
- AV analog output signal as 4-20 mA or 0...10 Vdc
- Operating voltage 24V AC/DC

APPLICATIONS

- HVAC supply or extract air measuring
- Cleanroom monitoring and control etc



	AVS-Probe Type	AVS-Wall Type
MODEL		
Power Supply	AC 24V (±5%), 50-60 Hz; DC 15...35 V	
Power Consumption	< 2.5 W	
Current Output	4...20 mA, maximum 500 Ω	
Voltage Output	0...5 Vdc, minimum 1 000 Ω 0...10 Vdc, minimum 1 000 Ω	
Air Velocity Accuracy	±5% for FS	±5% for 0...20 m/s
Operating Temperature	-25...+70 °C	
Storage Temperature	Hotwire: -30...+85 °C Electrochemical: 0...+20 °C (recommended)	
Ranges	0...1, 0...2, 0...5, 0...10, 0...20 m/s	0...1, 0...2, 0...3, 0...5 m/s 0...5, 0...10, 0...15, 0...20 m/s
Protection (enclosure)	IP65 or NEMA 4	
Protection (probe)	IP10 or NEMA 1	
Standards (EMC Directive)	EN 61326-1	
Dimensions (enclosure)	ø 13 mm × 270 mm	98.0 × 81.5 × 45.5 mm
Dimensions (probe)	ø 13 mm × 250 mm	ø 13 mm × 225 mm
Dimensions (packed)	340 × 115 × 20 mm	100 × 85 × 323 mm
Weight (packed)	100 gr	265 gr