

Features

- Adopting imported high-precision MEMS sensor, long-term stability and anti-interference capability.
- Power supply and output has overload and reversed-connection function.
- Isolated output Optional.
- Strong anti-pollution ability, easy to install and maintain.

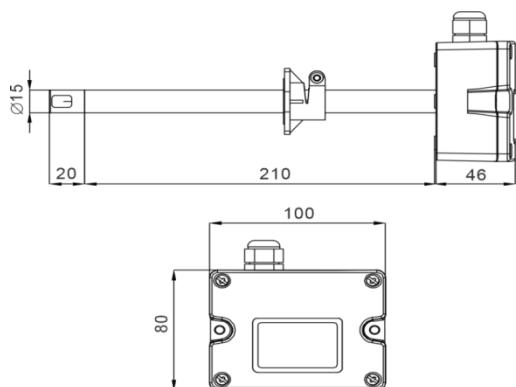
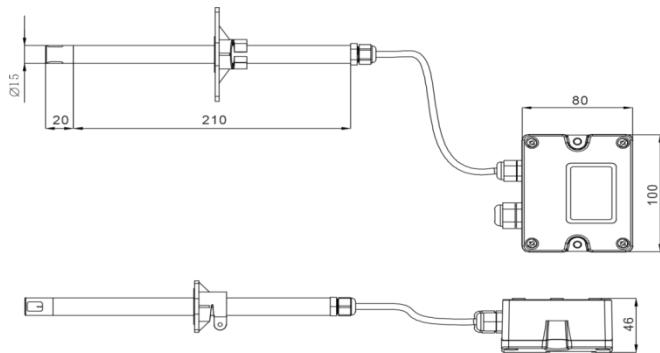
**Description**

Based on heat conduction principle, the sensor probe of Air Velocity Transmitter LFS10 is made of MEMS technology, which has the characteristics of high measurement accuracy, wide measurement range, good stability, and strong environmental adaptability. It is an ideal choice for wind speed measurement in HVAC, pipeline air volume measurement, process and environmental control and other application scenarios.

Specification

| | |
|-------------------------------|--|
| Working voltage | 24V AC/DC±20% |
| Range ^① | 0-10m/s, 0-15m/s, 0-20m/s, 0-30m/s optional |
| Accuracy | ± (0.2m/s+3%of mv) (20°C,45%RH and 1013hPa) |
| Resolution | 0.01m/s |
| Output mode | RS485/Modbus,0~10VDC/4~20mA (3-wire) optional |
| Output load | ≤500Ω(Current mode), ≥2KΩ(Voltage type) |
| Working temperature | -10~ +60°C |
| Storage temperature | -20 ~+80°C |
| Probe length | 210mm (optional) |
| Display | Optional LCD display with unit display and backlight |
| Protection | IP65, IP20 (Probe) |
| Sheathing material | PC, PA6 (Probe) |
| Electromagnetic Compatibility | EN 61326-1 |
| Certification | ROHS, EU Electrical Safety Standards CE |

① Can be selected by jumper

Dimensions : mm**Duct Type****Split Type****Selection instructions**

| LFS10- | Air Velocity Transmitter | | | Model |
|--------|--------------------------|----------------|------------------------------------|---------------------|
| | VI | 0~10VDC/4~20mA | | Output |
| | RS | RS485/Modbus | | |
| | | 1 | Duct Type Air Velocity Transmitter | Installation method |
| | | 2 | Split type wind speed transmitter | |
| | | D | with display | Display |
| | | N | without display | |

Selection example LFS10-RS1D:

Duct-type wind speed transmitter, output: RS485/Modbus, with display.