

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

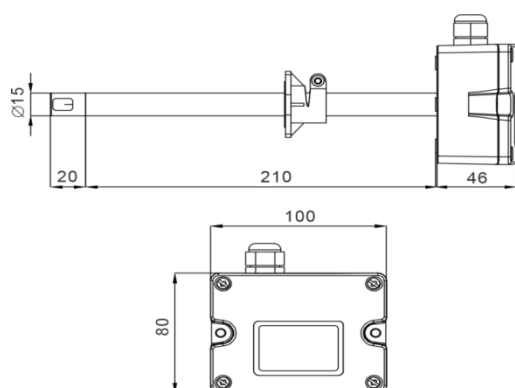
Based on heat conduction principle, the sensor probe of Air Velocity Transmitter LFS10 is made of MEMS technology, which has the characteristics of high measurement accuracy, wide measurement range, good stability, and strong environmental adaptability. It is an ideal choice for wind speed measurement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

Specification

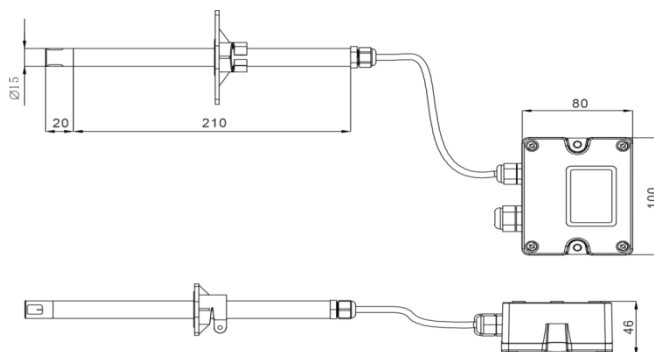
Working voltage	24V AC/DC±20%
Range ^①	0-10m/s, 0-15m/s, 0-20m/s, 0-30m/s optional
Accuracy	± (0.2m/s+3%of mv) (20℃,45%RH and 1013hPa)
Resolution	0.01m/s
Output mode	RS485/Modbus,0~10VDC/4~20mA (3-wire) optional
Output load	≤500Ω(Current mode), ≥2KΩ(Voltage type)
Working temperature	-10~ +60℃
Storage temperature	-20 ~+80℃
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.