

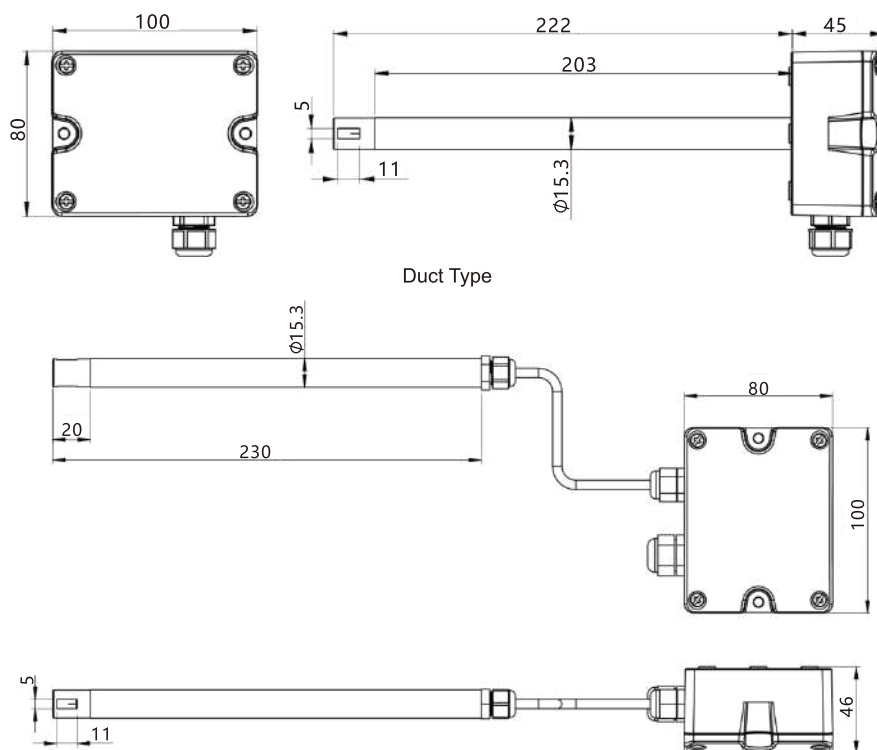
LFS11

Low air velocity Transmitter



LFS11 Low Air Velocity Transmitter is designed for accurate measurement of very low air velocity, and still has high measurement accuracy in application where air velocity is less than 0.15m/s. LFS11 uses a high-quality hot film sensor manufactured based on MEMS technology, which has the characteristics of high measurement accuracy, good stability and strong environmental adaptability, which is ideal for laminar flow monitoring and special ventilation applications, mainly used in key environments such as medical institutions, laboratories, and pharmaceutical industry.

LEFOO



Split Type

Dimension in : mm

LFS11 Order Ref No

LFS11- RS 1 D

A B C

A Output	B Installation method	C Display
VI=0~10VDC/4~20mA	1=Duct Type Low Air Velocity Transmitter	D=with display
RS=RS485/Modbus	2=Split Type Low Air Velocity Transmitter	N=without display

Specification

General	Value
Working voltage	12-30VDC/24VAC($\pm 20\%$)
Range ^①	0-1m/s, 0-1.5m/s, 0-2m/s optional
Accuracy	$\pm (0.04\text{m/s} + 3\% \text{ of mv}) (20^\circ\text{C}, 45\% \text{RH and } 1013\text{hPa})$
Resolution	0.01m/s
Output mode	RS485/Modbus, 0~10VDC/4~20mA (Voltage and current dual output) optional
Output load	$\leq 250\Omega$ (Current mode), $\geq 5\text{K}\Omega$ (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)
Certification	ROHS, EU Electrical Safety Standards CE

① Can be selected by jumper