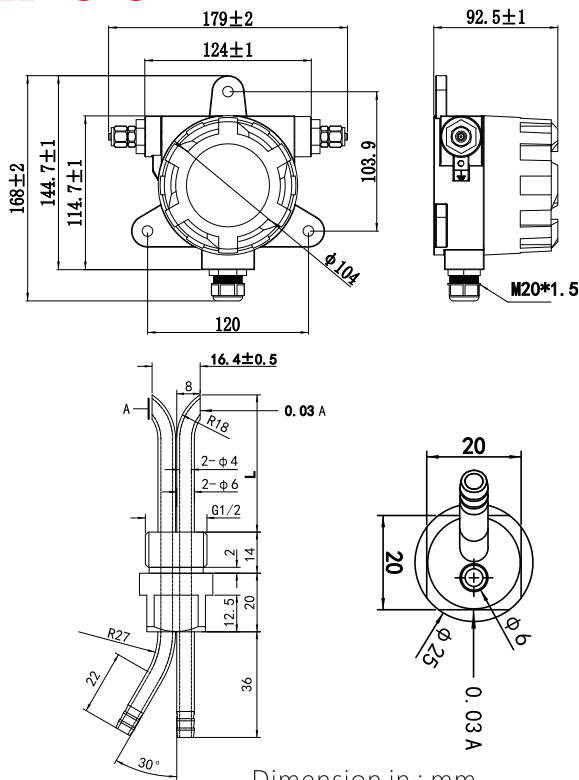




Dimension in : mm

LFS71 Order Ref No

LFS71 - 2 A
A B

LFS71

Explosion-proof air
Velocity transmitter



LFS71 Explosion-proof Air Velocity Transmitter is suitable for gas flow measurement in Explosion-proof environments. It can convert the flow rate of gas into an electrical signal and transmit it to the control system. The range can be adjusted on-site through buttons, and the IP65 protection grade casing is used. It is suitable for energy management systems, VAV and fan control, environmental pollution control, smoke hood control, oven and boiler ventilation control and other fields.

A Air Velocity Range

1=0~10m/s

2=0~20m/s

3=0~30m/s

4=0~40m/s (L-type pitot tubes only)

X=Customized

B Output Mode

A=4~20mA

B=0~10VDC

C=RS-485

Specification

General	Value
Medium	Air or neutral gas
Range	Speed:0~10 m/s,0~20 m/s,0~30 m/s, 0~40 m/s (Range can be customized.)
Over Voltage	10KPa
Accuracy	±3.0%FS(Speed > 3 m/s)
Operating temperature	Host machine:-20°C~80°C;Probe: -40°C~450°C
Compensation Temperature	-10°C~60°C
Storage Temperature	Host machine:-40°C~85°C
Response Time	0.5s(default)/1.0s /2s /4s
Protection Grade	Ip65
Pressure Connection	Stainless steel 1/2" quick connection
Signal output	4~20mA/0~10VDC/RS485
Power Supply ^①	12~30VDC/24VAC±20%
Power Consumption	≤1.5W
Shell Material	Cast Aluminium
Communication	RS-485 standard interface, Modbus RTU protocol
Certificates	ROHS,CE
Explosion-Proof Grade	Exd IIC T6 Gb
Display	LCD digital display
Weight (Approximate)	Host machine:1238g

①When the product is powered by AC power, it is recommended to use an isolated AC power supply.