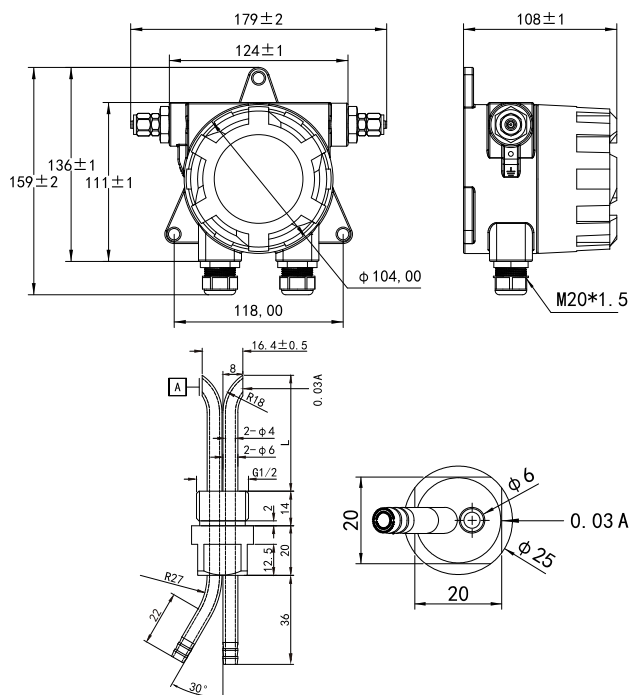


# LFS72

## Explosion-proof air Velocity transmitter



LFS72 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.



Dimension in : mm

### LFS72 Order Ref No

LFS72 - 2 A  
A B

| A Air Velocity Range                | B Output Mode     |
|-------------------------------------|-------------------|
| 1=0~10m/s                           | A=4~20mA /RS485   |
| 2=0~20m/s                           | B=4~20mA /0~10VDC |
| 3=0~30m/s                           | C=0~10VDC/RS-485  |
| 4=0~40m/s (L-type pitot tubes only) |                   |
| X=Customized                        |                   |

### 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 <sup>①</sup> | 12~30VDC/24VAC±20%                                                    |
| Power Dissipation         | ≤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:1362g                                                    |

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

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