

## Features

- Adopt American imported pressure sensing element
- Elevator front room and staircase of high-rise building
- Basement and refuge
- Pressure monitoring in hotels, shopping malls, hospitals and other public places
- Compliant with The National Standard  
《Technical Standard for Smoke Management System in Buildings》



## Description

LFM208 series residual pressure transmitter (differential pressure controller) is a high-precision product for pressure difference control of positive pressure air supply systems. The product uses pressure sensors element imported from the USA. After zero point, full scale and temperature compensation, it can be controlled with passive switch output. Compliant meets the pressure difference control requirements of the positive pressure air supply system.

This product adopts 24V DC power supply for safe and extra-low voltage power supply. It can be equipped with passive switch output and adopts optional two-bus power supply communication or 485 communication mode. Simple wiring, cost saving, and feedback the pressure status of residual pressure and accident details.

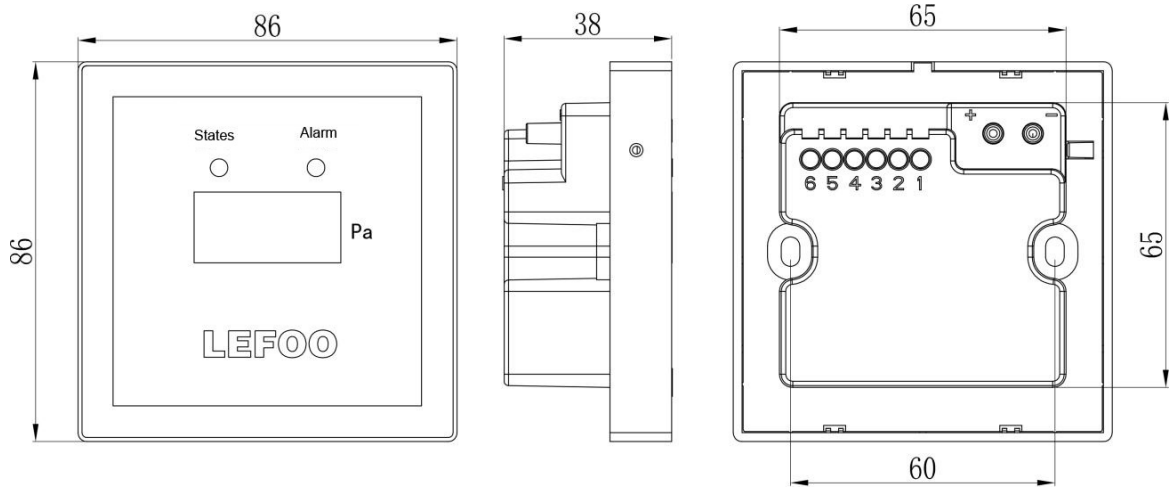
The appearance size of the product can be fixed with the standard 86 bottom box, which is suitable for installing the product in the form of surface installation or embedded installation.

## Specification

Measurement range	0~±100Pa
Accuracy (a)	±1%F.S
Working temperature	-20℃~75℃
Compensated temperature	-5℃~60℃
Protection Grade	IP30
Power Supply	24VDC±2.4V
Trachea connection	(+)High voltage side, (-)Low pressure side; adopt 3.5mm inner diameter hose
Instructions	Green status, red alarm indicator
Display method	With display/without display
Measured medium	Air and non-corrosive gas
Control signal(b)	switching value
Communication mode	Two bus (two-wire system)/RS-485 (four-wire system)
Withstand voltage	1000Pa

a) Accuracy is obtained by testing at room temperature 25℃; b) Connecting resistive load (optional)

## Dimension in:mm



## Order Ref NO.

Code and description			Notes
<b>LFM208</b>			Model
<b>2530</b>	20~30pa		Measurement Range
<b>4050</b>	40~50pa		
	<b>N</b>	without display	Screen Display
	<b>D</b>	display	
	<b>R</b>	R=RS485	Communication Mode
	<b>P</b>	P=Pb Two -bus	

LFM208	2530	N	R	Selection Example
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Note: For example, when LFM208-4050-DR is selected, the operating pressure of the residual pressure transmitter is 50Pa. The reset pressure is 40Pa. With screen display, RS485 communication output.