

LFM208 Residual pressure transmitter

FEATURES

- Adopt imported MEMS pressure sensing element
- Support embedded 86 box installation
- Two optional communication types
- Fully meet State Standard《Technical Standard for Smoke Management System in Buildings》
- Pressure monitoring of high -rise building elevator front rooms and stairwells, shopping malls, hospitals and other public places



DESCRIPTION

LFM208 Residual Pressure Transmitter is a high-precision product, specially developed and designed for differential pressure controlling of high-rise building purging system. The core pressure monitoring element is American SMI differential chip. With zero point, full scale and temperature compensation can ensure the high accuracy, strong stability, and fully meet the pressure difference controlling of positive-pressure system. It has two signal lights, green is for working state, and red for alarm.

This product adopts 24V DC power supply safety and low -voltage power supply; The optional two -bus method or 485 communication method, simple wiring, saving cost.

The shape size of the product is 86\*86\*38, which can be fixed with the standard 86 bottom box, suitable for surface installation or embedded installation. This product is mainly used for the positive pressure air supply system in the elevator front room and the stairwell. Product action pressure and reset pressure have been set before leaving the factory, no need to set on site, It greatly improves the accuracy of product control, and at the same time greatly reduces the construction workload of the scene.

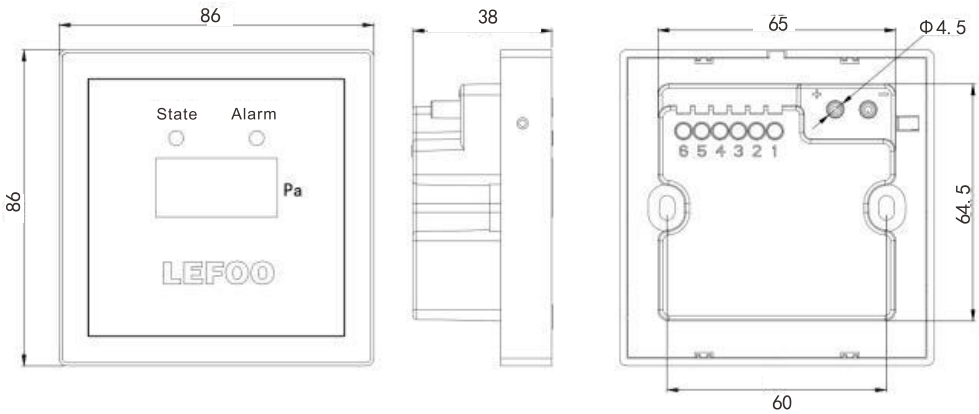
It is mainly used for differential pressure measurement and control system of elevator front room, shared front room closed refuge floor, stairwell and smoke proof stairwell. It can also be used for indoor and outdoor differential pressure detection, filter blocking monitoring system and other dry gas differential pressure measurement and control system.

SPECIFICATION

Medium	Air and non-aggressive gas
Pressure Range	±100Pa
Withstand Pressure	1000Pa
Accuracy(a)	±1%F.S
Operation Temp.	-10℃~60℃
Compensated Temp.	-10℃~60℃
Atorage Temp.	-20℃~75℃
Protection Level	IP30
Power Supply	24VDC±10%
Inner Port Connection	Inner Dia Φ3.5mm hose
Hose Connection	(+) High Voltage, (-) Low Voltage
Indicator light	Green state light, red alarm light
Display	With/without
Communication	Two-bus (2-wired)/RS-485 (4-wired)

a)Accuracy measured at 25℃.

DIMENSION (mm)



ORDER REF NO.

Code & Description					Remark
LFM208					Model
	2530	20~30Pa			Measurement Range
	4050	40~50Pa			
		N	Without display		Display Screen
		D	with display		
		R	R=RS485		Communication
		P	P=Pb two-bus		

LFM208	2530	N	P	Selection Example
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**NOTE:** For example, when LPM208-4050-DR is selected, the action pressure of the residual pressure sensor is 50Pa and the reset pressure is 40Pa; with the screen display, the RS485 communication output.