

## Features

- Operating pressure value can be set on site through the built-in DIP switch of the LFM11 series products.
- The response time can be adjustable on-site through the built-in DIP switch of the product (0.5S ~ 4S).
- Rotation method is fixed to the installation back plate (It can be installed step by step).
- Adopt flame-retardant ABS injection molding shell, with good impact resistance, heat resistance properties.



## Description

The LFM11 series differential pressure transducer / transmitter detects differential pressure or gauge pressure and converts this pressure value into a proportional electrical signal output for use in intelligent building energy management systems. It measures the precise and required pressure and flow for building pressurization and air flow control.

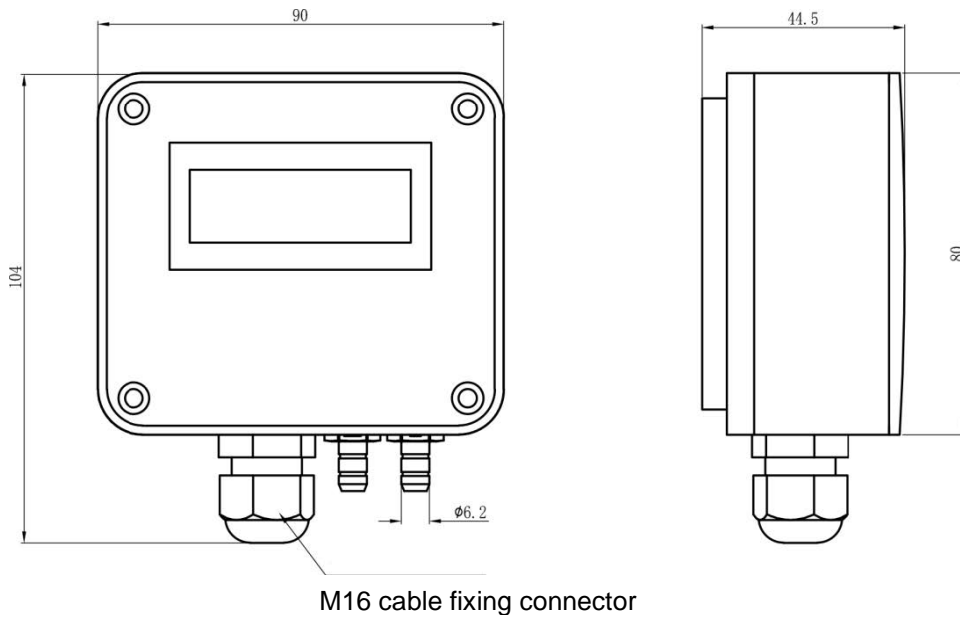
It is widely using for the monitoring of air or neutral gas, and a variety of pressure units and ranges can be switched. It adopts imported micro pressure core, digital pressure acquisition and temperature compensation, this differential pressure transmitter has the characteristics of sensitive pressure response, long-term stable output, and superior temperature performance.

## Specification

Pressure Range	0~±100Pa, 0~±1,000Pa, 0~±10,000Pa				
Overload Pressure	5KPa(LFM116), 10KPa(LFM110), 80KPa(LFM112)				
Accuracy	±1%F.S				
Storage Temperature	-20°C~70°C				
Compensation Temperature	-10°C~60°C				
Response Time	0.5s/1s/2s/4s				
Protection Grade	IP54				
Pressure Connection	Metal barbed connection, Ø 6.2 mm				
Electrical Connection	Two-wired	Three-wired	Four-wired	Five-wired	Six-wired
	4~20mA, No backlight display	0~5V 0~10V	RS485	0~10VDC RS485	4~20mA 0~5/10VDC
Power Supply	12~30VDC	16~30VDC	12~30VDC	16~30VDC	16~30VDC
Power Consumption	≤1.5W				
Communication	RS-485 standard interface, Modbus RTU protocol				
Certification	ROHS certification,CE certification				
Electromagnetic Compatibility	Electromagnetic radiation:EN50081-1/-2;Electromagnetic sensitivity:EN50082-2				
Lightning Protection	Air conduction withstand voltage 8000V, shell and cable conduction withstand voltage 4000V (can be customized according to requirements)				
Display Mode	LCD Backlight digital display				
Weight	166g				

# LFM11 Differential Pressure Transmitter LEFOO 力夫

Dimension in:mm



## Order Ref. No.

Code and description		Remark			
<b>LFM11</b>		Model			
<b>6</b>	-100~100pa	Pressure Range			
<b>4</b>	-1000~1000Pa				
<b>0</b>	-10000~10000Pa				
<b>O</b>	With display	Display Mode			
<b>N</b>	without display				
<b>A</b>	4~20mA & 0~10VDC (Simultaneous output)	Output Type			
<b>B</b>	4~20mA (Two-wired)				
<b>C</b>	0~10VDC (Three-wired)				
<b>D</b>	0~5VDC (Three-wired)				
<b>E</b>	RS-485 communication				
<b>F</b>	0-10VDC & RS-485	Accuracy			
<b>C</b>	±1.0% F.S				
LFM11	0	0	B	C	Selection Example