

LFM5 Series Differential Pressure Transmitter



Product Features

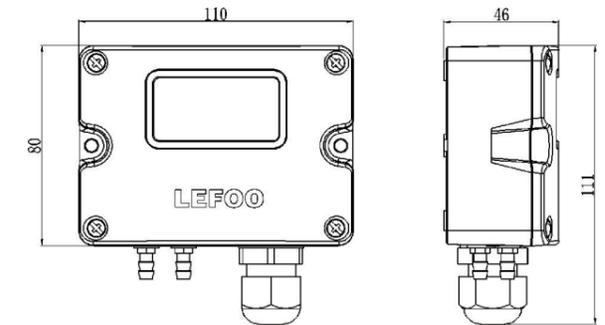
- LFM5 series differential pressure transmitter is suitable for the air differential pressure measurement of HVAC or other equipment.
- Measurement Range: 0 ~ ±10Pa / 0 ~ ±10,000Pa
- Accuracy: ±1.0%, ±0.5% (Specific model)
- A variety of pressure units can be switched
- LCD Backlight digital display
- Adjustable response time
- IP55 waterproof protection
- Industrial plastic housing; flame retardant grade UL94-V0
- Manual button pressure difference zero point calibration
- Using imported micro-pressure core

Technical Parameter

Measurement Range	LFM500 -1,000 ~ +1,000Pa LFM502 -10,000 ~ +10,000Pa LFM506 -100 ~ +100Pa
Accuracy	±1.0%
Pressure unit	Pa, mbar, mmH ₂ O, inH ₂ O
Output signal	0~5VDC, 0~10VDC, 4~20mA, RS-485 Signal; 4~20mA & 0~10VDC dual output
Supply Voltage	16~30VDC
Zero point calibration	Manual zero point calibration by pressing the button
Measuring medium	Air and neutral gas
Allowed over-voltage/measurement range	4.5Kpa / -100 ~ +100Pa; 10Kpa / -1000 ~ +1000Pa; 80Kpa / -10000 ~ +10000Pa;
Power consumption	≤1.5W
Compensation temperature	-10~+60°C
Storage temperature	-20~+70°C

Mechanical Parameters

Housing Material: Industrial plastic, flame retardant grade UL 94-V 0
Degree of protection: IP55
Display: backlit digital display 50 x 25 mm (2-wire Without backlight) Digital Height: Value 10 mm, Units 5 mm
Pressure Connection: Ribbed Ø 6.2 mm
Cable Gland: For cables Ø 8 mm maximum
Weight: 200g



Order Ref Table:

