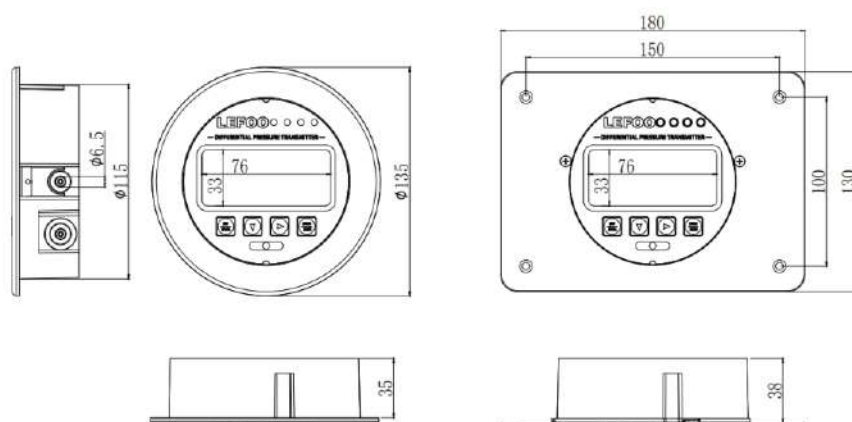




Dimension in : mm

LFM33

Micro-differential
Pressure instrument



LFM33 Differential Pressure Transmitter/Controller adopts high-precision MEMS digital pressure sensor, which can detect positive pressure, negative pressure or differential pressure. It has 4-20 mA & 0-10V or RS485 signal output, and variety of working mode settings to match the actual application requirements. Relay switch control is optional and can set pressure point independently. The internal buzzer and LED will indicate pressure alarm. Pressure unit switching and digital damping filter degree can be edited on site. It is widely used in air or neutral gas detection and control. It is suitable for air pressure detection of various ventilation and air conditioning systems and equipment, and for differential pressure detection of filter resistance in clean-room laboratories, and gas pipelines.

LFM33 Order Ref No.

LFM33-0 A R P B
A B C D E

A Measurement Range	B Signal output mode	C Control output	D Installation Panel	E Air Intake method
6: -100~100Pa	N:N/A	N:N/A	P:Plastic panel(round)	F:Front panel air intake
0: -1000~1000Pa	E:RS-485 Communication	R: 2 SPDT relay + 1X Buzzer	S:Stainless steel panel(square)	B:Rear panel air intake
2: -10000~10000Pa	A:4~20mA and 0~10V	B:1xBuzzer		S:Side panel air intake
		D: 2 SPDT relays		

Specification

General	Value
Measured Medium	Air or neutral gas
Measurement range	±100Pa, ±1000Pa, ±10000Pa
Overload pressure	5KPa(LFM326);10KPa(LFM320);80KPa(LFM322);
Accuracy	±1%F.S
Working temperature	-10°C~60°C
Compensation temperature	-10°C~60°C
Storage temperature	-20°C~70°C
Protection level	Ip65
Pressure connection	Plastic concave interface Φ6.5mm
Signal output	4~20mA&0~10V Rs485
Control relay	2SPDT relay 3A @ 250VAC/30VDC
Power supply	16~30VDC
Consumption	≤2.5W
Housing material	UL94-V0/ABS industrial plastic
Communication	RS-485 standard interface , Modbus RTU protocol
Certification	RoHS,EU,CE
Magnetic compatibility	EN 61326-1
Display	76*33mm LCD display
Weight	360g