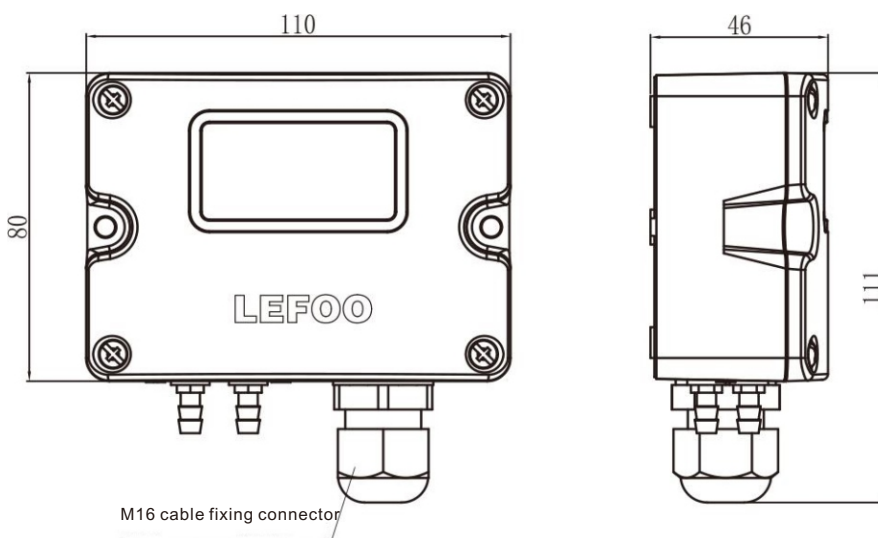


LFM51

High-end Differential Pressure Transmitter



LFM51 series differential pressure transmitter are widely used for air or neutral gas detection .This product adopts imported micro-pressure core, digital pressure acquisition and temperature compensation, and has the characteristics of sensitive pressure response , stable long - term output , and superior temperature performance. It has 0.5% F.S accuracy, can OEM , strong overload capability , multiple pressure ranges and signal output , easy installation , ROHS certification , CE certification , strong electromagnetic interference resistance , wide range measurement ,etc . This differential pressure transducer is widely used in HVAC , energy management system , VAV and fan control , clean room pressure , smoke hood control , oven pressurization, furnace General ventilation control and other fields.



Dimension in : mm

LFM51 Series Order Ref NO

LFM51 - 6 - 0 - B - C

A B C D

A Span	B Display	C Output Type	D Accuracy
0 = -10000~10000Pa	O = With display	A = 4~20mA and 0~10VDC (Simultaneous output)	C = ±1.0%FS
4 = -1000~1000Pa	N = Without display	B = 4~20mA (Three-wired)	K = ±0.5%FS
6 = -100~100Pa		C = 0~10VDC (Three-wired)	
		D = 0~5VDC (Three-wired)	
		E = RS-485 communication	

Specification

General	Value		
Pressure Range	±100Pa, ±1,000Pa, ±10,000Pa		
Over pressure capacity	5KPa(LFM516), 10KPa(LFM510); 80KPa(LFM512)		
Accuracy	±1%F.S		
Operating temperature	-20°C~70°C		
Compensation temperature	-10°C~60°C		
Protection Level	Ip55		
Electrical connections	Three-wired	Four-wired	Six-wired
Output signal	4~20mA	0~5VDC/0~10VDC	RS-485
Power supply	16~30 VDC		
Power consumption	≤1.5W		
Pressure interface	Metal barbed interface, φ6mm		
Communication	RS-485 Standard interface, Modbus RTU protocol		
Certification	ROHS, EU CE		
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)		