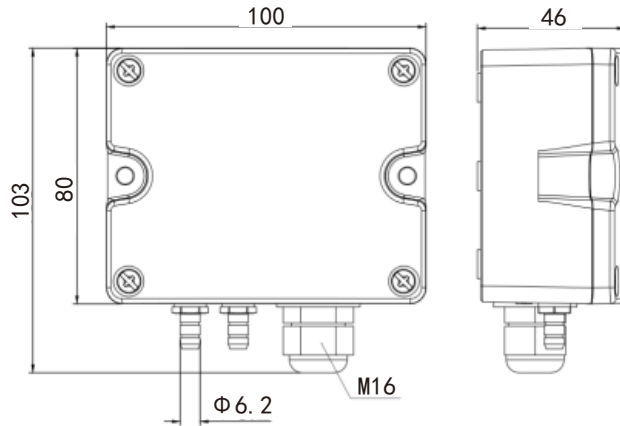


LFM52

Differential pressure Transmitter



Dimension in : mm

LFM52 differential pressure transmitter is the latest release. It has flexibility of multi-range sensor, high function of single range sensor, and is ideal for industrial application. The differential pressure transmitter has built in multiple optional pressure range and unit selection, and is easily to adjust through built-in DIP switch. The shell protect is IP65 and equipped with stainless steel conduit for convenient wire arrangement. It is widely used in HVAC, energy management system, VAV and fan control, clean room pressure, smokehood control, oven pressurization, furnace ventilation, furnace ventilation control etc.

LFM52 Series Order Ref NO

LFM52 - 6 - 0 - B - C

A B C D

A Measurement Range	B Display mode	C Output Mode	D Accuracy
6=-100~100Pa	N=Without display	A=4~20mA and 0~10VDC(Simultaneous output)	±1.0%FS
0=-1000~1000Pa	0=With display	B=4~20mA(two-wired)(without backlight)	
2=-10000~10000Pa		C=0~10VDC(3-wired)	
		D=0~5VDC(3-wired)	
		E=RS-485 communication	
		E1=RS-485 communication(isolation output)	

Specification

General	Value			
Measured Medium	Air or Neutral gas			
Measurement Range	±100Pa,±1000Pa,±10000Pa			
Overload pressure	5kPa(LFM526);10kPa(LFM520);80kPa(LFM522);			
Accuracy	±1%F.S			
Working temperature	-20℃~70℃	Compensation temperature	-10℃~60℃	
Storage temperature	-40℃~70℃			
Response time	0.5s(Default)/1.0s/2s/4s			
Pressure connection	Ip65			
Pressure connection	Metal barbed interface,ϕ6.2mm			
Electrical connection	2-wired	3-wired	4-wired	6-wired
Signal output	4~20mA(No backlight)	0~5VDC/0~10VDC	RS-485	4~20mA&0~10VDC
Power supply	12~30 VDC	12~30VDC/24VAC+20%	9~30VDC	12~30VDC/24VAC+20%
Power consumption	≤1.5W			
Housing material	UL94-V0/PC			
Communication	RS-485 standard interface,Modbus RTU protoco			
Certification	RoHS,CE	Electromagnetic compatibility	EN 61326-1	
Display	LCD backlight digital display			