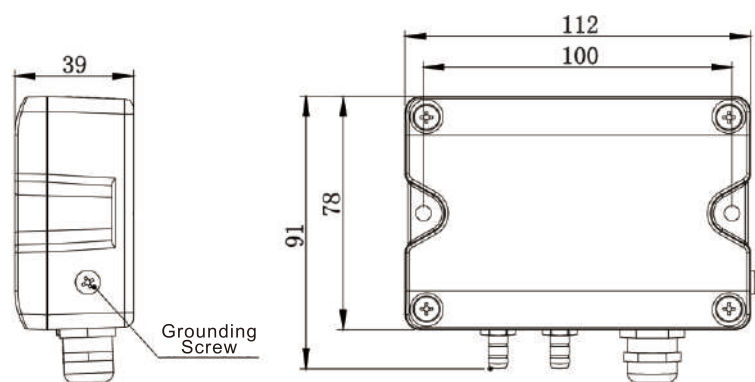




Dimension in : mm

LFM751

Intrinsic safety differential
Pressure transmitter



LFM751 Low Differential Pressure Transmitter can be used in hazardous situations. It has a cast aluminum housing and high level of protection. It is suitable for various complex industrial conditions, such as natural gas pipeline monitoring, power plant air supply system, and pharmaceutical factory clean engineering. It adopts high-precision imported MEMS micro-pressure sensing cell, with characteristics of fast pressure response, stable long-term output, superior temperature performance, convenient installation, and strong electromagnetic interference resistance. Two models available: intrinsically safe explosion-proof and intrinsically safe dust explosion-proof. Intrinsically safe explosion-proof can work in Zone 0, 1, and 2, and intrinsically safe dust explosion-proof can work in Zone 21 and 22.

LFM751 Order Ref No

LFM751 - 0 - B

A B

A Measurement range	B Explosion-proof model
6 = -100~100Pa	B = Intrinsically safe explosion-proof
0 = -1000~1000Pa	F = Intrinsically safe dust explosion-proof
2 = -10000~10000Pa	

Specification

General	Value
Pressure range	LFM751-6 -100~+100Pa(Min range:0~+50Pa) LFM751-0 -1000~+1000Pa(Min range:0~+100Pa) LFM751-2 -10000~+10000Pa(Min range:0~+1000Pa)
Over-voltage	10kPa(Range≤1000Pa)、80kPa(Range>1000Pa)
Accuracy	±0.5%F.S(Range≥500Pa)/±1%F.S(Range<500Pa)
Medium	Air and neutral gases
Temperature	-20℃~70℃
Compensation Temperature	-5℃~65℃
Storage Temperature	-40℃~80℃
Output	4~20 mA (two wire)
Load Resistance	≤250Ω
Power Supply	12~30 VDC
Explosion-proof mark	Ex ia II CT4 Ga /Ex ib III CT130℃ Db
Explosion-proof Parameters	Ui:30VDC;Ii:120mA;Pi:0.75W;Ci:0.01uF;Li:0mH
Certificate	CE certification, intrinsically safe explosion-proof certification, intrinsically safe dust explosion-proof certification
Housing Material	ADC12 (Note: The product shell is made of aluminum alloy. The risk of ignition caused by impact or friction must be prevented during use.)
Protection Grade	Ip65
Pressure Connector	Metal barbed interface,φ6.2mm
Cable Connector	Max cable diameter φ8 mm
Weight	375g