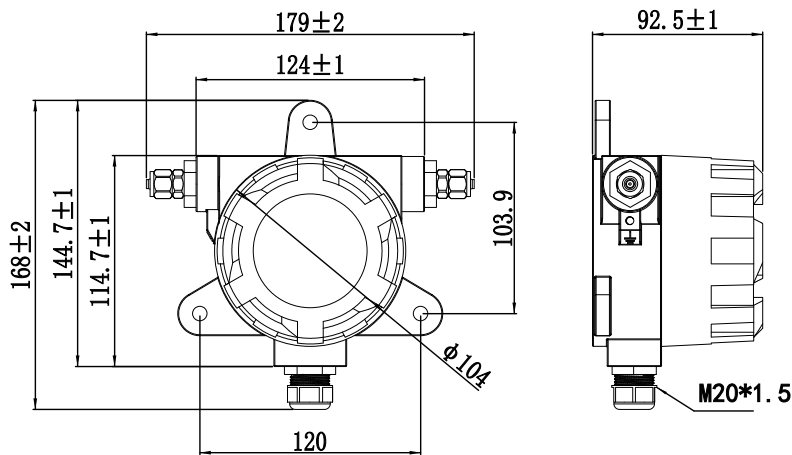




Dimension in : mm

LFM77

Embedded differential Pressure transmitter



LFM77 Explosion-proof Differential Pressure Transmitter is a high accuracy and high stability device designed for explosion risk environment. It is equipped with multiple optional pressure ranges, with easy on-site adjustment through buttons. Use Ip65 housing, suitable for energy management systems, HVAC, VAV and fan control, environmental pollution control, pressure and smoke hood control of static pipeline and clean room, oven pressurization, and boiler ventilation control.

LFM77 Order Ref No

LFM77-2 A
A B

A Pressure Range

1:-100~100Pa

2:-1000~1000Pa

3:-10000~10000Pa

X:Special requirements

B Output Mode

A:4~20mA

B:0~10VDC

C: RS-485

Specification

General	Value
Measurement Medium	Air or neutral gas
Pressure Range	±100Pa~±10000Pa(customized)
Over Voltage	10KPa;80KPa(LFM77-3)
Accuracy	±1.0%FS
Working Temperature	-20℃~80℃
Compensation Temperature	-10℃~60℃
Storage Temperature	-40℃~85℃
Response Time	0.5s(default)1.0s/2s/4s
Protection Degree	Ip65
Pressure Connection	Stainless steel 1/2"quick connection
Output Signal	4~20mA/0~10VDC/RS485
Power Supply ^①	12~30VDC/24VAC±20%
Power Dissipation	≤1.5W
Shell Material	Cast Aluminium
Communication	RS-485 standard interface, Modbus RTU protocol
Certification	ROHS,CE
Explosion-Proof Cert	Exd IIC T6 Gb
Display	LCD digital display
Weight (Approximate)	1362g

①When the product is powered by AC power, it is recommended to use an isolated AC power supply.
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