FEATURES

- Adopt imported low power consumption and low noise atmospheric pressure core
- Use panel touch, can be set on site
- High accuracy up to 0.25%F.S, good stability
- High protection IP65 rated design
- Small and beautiful shell design, using LCD display, easy to use

DESCRIPTION

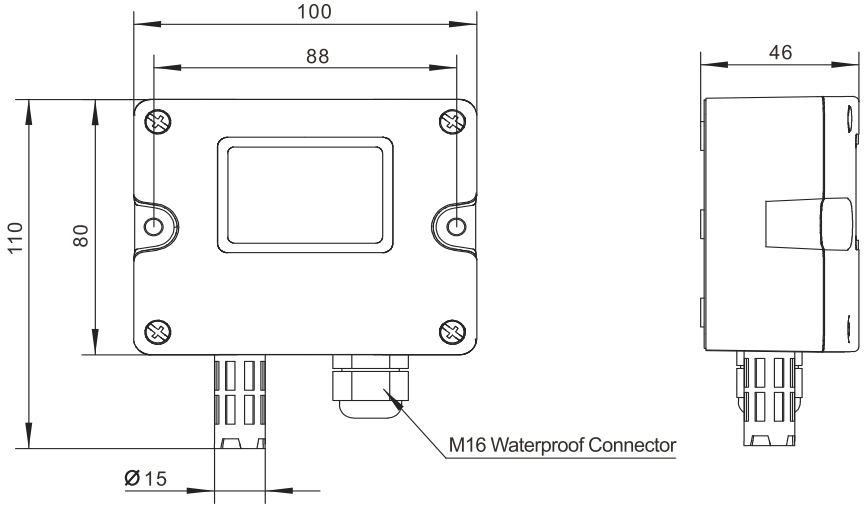
The LFM57 series atmospheric pressure transmitters are suitable for atmospheric pressure monitoring in various environments. Product installation takesup little space. Customers can customize the Settingson site.The product adopts imported digital atmosphericpressure core, which has the characteristics of sensitive pressure response, stable long-term output and superiorperformance. The products are suitable for small weather stations, altimeters, archives and other places requiringatmospheric pressure monitoring.

SPECIFICATION

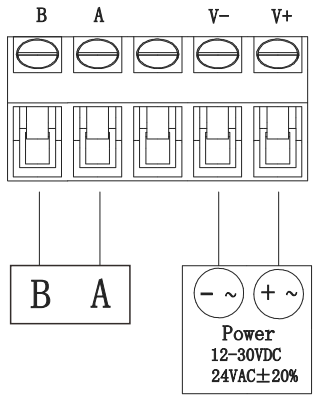
Medium	Air(non-condensing)		
Measuring range	15kPa~130kPa		
Pressure type	Absolute pressure		
Display	Optional LCD display,display area 45X30mm		
Display resolution	0.01kPa		
Overload pressure	200Kpa		
Accuracy	±0.25%F.S		
Operating temperature	-20℃~70℃		
Compensation temperature	-10℃~60℃		
Storage temperature	-40℃~70℃		
Protection grade	IP65		
Electrical connection	Two-wire system	Three-wire system	Four-wire system ①
Output signal	4~20mA	0~10VDC	RS485
Power supply	12~30VDC	12~30VDC/24VAC±20%	
Communication	RS-485 Standard interface, Modbus RTU protocol		
Shell material	Flame retardant PC shell(UL94-V0), ABS probe housing and polymer filter layer		
Output load	≤250Ω（current output),≥5KΩ（voltage output）		

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

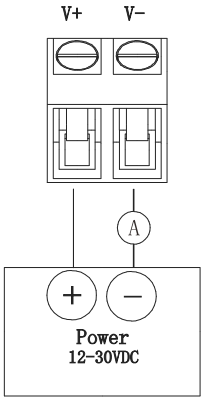
DIMENSION(mm)



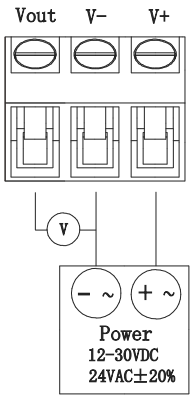
WIRING



RS485 output wiring diagram



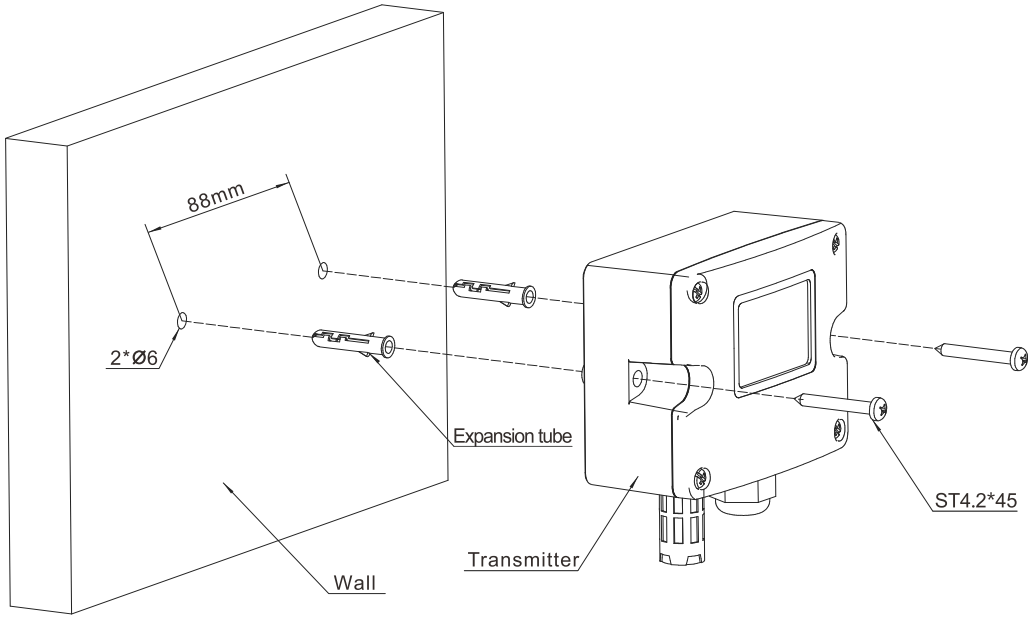
Current outputWiring diagram (no polarity)



Voltage output wiring diagram

* When the RS485 type uses AC power supply , it is necessary to use isolated AC power supply , otherwise it may damage related connected devices.

INSTALLATION METHOD



ORDER REF NO.

Code and Description			Remark
LFM57			Model
	N	No display screen	Display Function
	O	Have a display screen	
		A4 4~20mA	Output Method
		V10 0~10VDC	
		RS RS-485/Modbus	

LFM57-	O	A4	Selection Example