

LFT6100 Digital Pressure Gauge

FEATURES

- Low power consumption design, the working current is less than 2mA, and the shutdown current is less than 5uA
- Adopt 304 stainless steel shell and joints, anti-shock and durable
- A variety of measurement units, one key switch
- One-key reset, easy to use
- Graphical battery level, pressure value percentage bar graph display
- Large-screen LCD with backlight for clearer display



DESCRIPTION

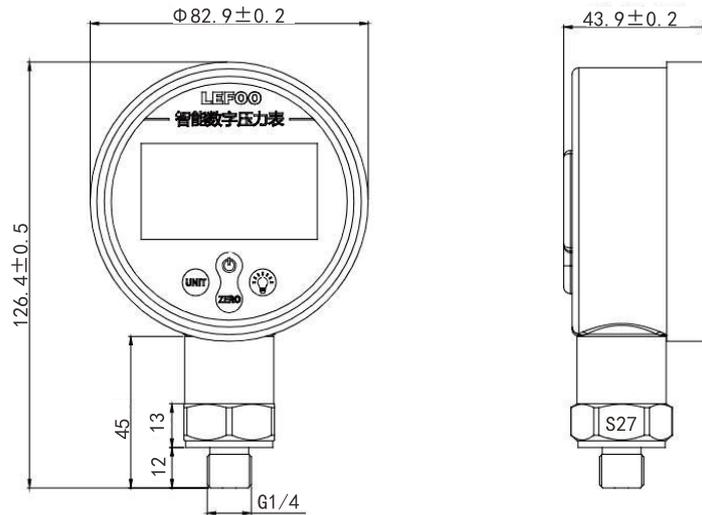
LFT6100 digital pressure gauge adopts high-performance oil-filled diffusion silicon core, and the circuit part adopts 24-bit special AD processing chip and industrial group MCU, which has high measurement accuracy and good stability. Adopt low power consumption design, the working current is less than 2mA, and the shutdown current is less than 5uA. This product adopts high-quality 304 stainless steel shell and joints, which has good anti-shock performance. It can measure gas, water, oil and other media that are not corrosive to stainless steel. It is suitable for pressure measurement applications such as portable pressure measurement, equipment matching, and calibration equipment.

SPECIFICATION

Measurement Range	-100kPa...0~100kPa...60MPa
Overload Pressure	1.5 times of rated pressure
Accuracy ①	±0.25%F.S
Stability	<0.25%F.S/year
Working Temp	-20~60°C
Storage Temp	-20~60°C
Measured Medium	Gas or Liquid Compatible with 304 or 316L Stainless Steel, Fluorine rubber or nitrile rubber
Power Supply	Powered by 2 AAA batteries
Current	working current <2mA ; shutdown current <5uA
Pressure Connection	M20*1.5、G1/4、NPT1/4、G1/2 etc.
Pressure Form	Pressure Gauge G/Absolute Pressure A
Certification	EU electrical safety standards CE

① Measured at 25°C with combined accuracy of linearity, repeatability and hysteresis.

DIMENSION (mm)



ORDER REF NO.

Code and Description		Remark			
LFT6100		Model			
Range	-100kPa...0~100kPa...60MPa				Measurement Range
K	K = kPa	P	P = psi		Measurement Unit
B	B = Bar	M	M = MPa		
0.25	0.25 = $\pm 0.25\%$ F.S				Accuracy Grade
0.5	0.5 = $\pm 0.5\%$ F.S				
G	G1/4	M	M20*1.5		Pressure Connection
N	NPT1/4	G2	G1/2		

LFT6100	0-10	B	0.25	N	Selection Example
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