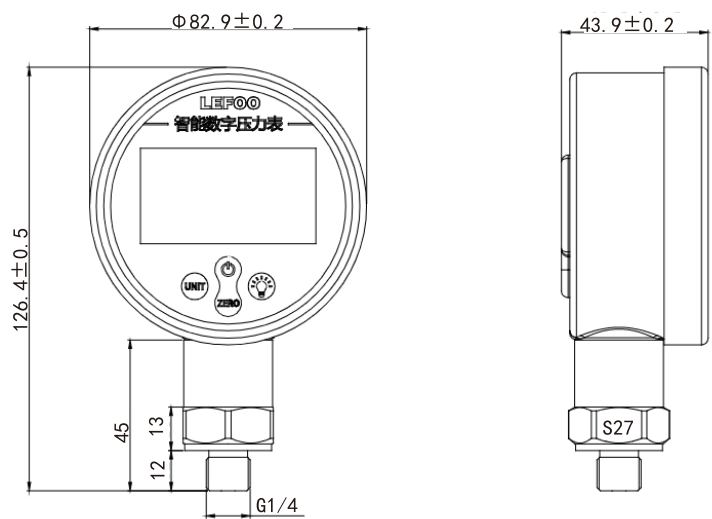




Dimension in : mm

LFT6100

Digital Pressure Gauge



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.

LFT6100 Order Ref No

LFT6100	0-10	B	0.25	N
	A	B	C	D
A Measurement Range		B Measurement Unit	C Accuracy Grade	D Pressure Connection
-100kPa...0~100kPa...60MPa		K = kPa	0.25 = $\pm 0.25\%F.S$	G = G1/4
		M = MPa	0.5 = $\pm 0.5\%F.S$	M = M20*1.5
		P = psi		N = NPT1/4
		B = Bar		G2 = G1/2

Specification

General	Value
Measurement Range	-100kPa...0~100kPa...60MPa
Overload Pressure	1.5 times of rated pressure
Accuracy ^①	$\pm 0.25\%F.S$
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

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