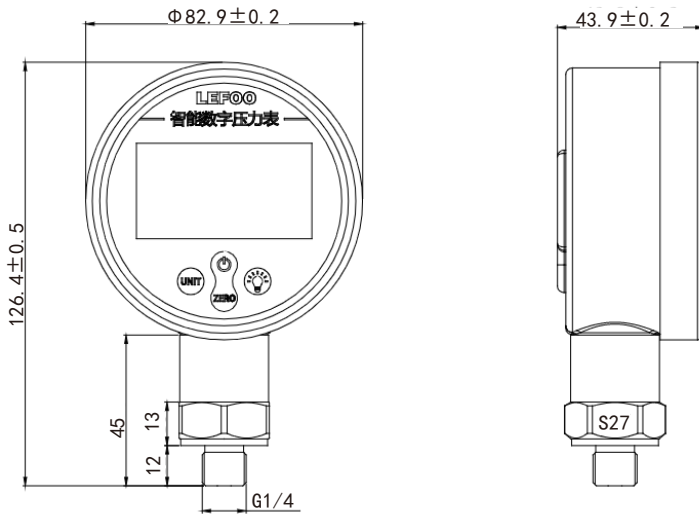


LFT6100 Digital Pressure Gauge



Dimension in : mm

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

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

Specification

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