

ESG102 Digital Pressure Gauge (Display Type)

- ✓ Pressure type: Gauge
- ✓ Casing Diameter: $\Phi 60$ (Back side)
- ✓ Display: 4-digit LED
- ✓ Range: 0~25MPa
- ✓ Precision: 1.0%F.S
- ✓ Stability: $\leq 0.1\%F.S/Year$
- ✓ Power supply: 24Vdc
- ✓ OEM: Available



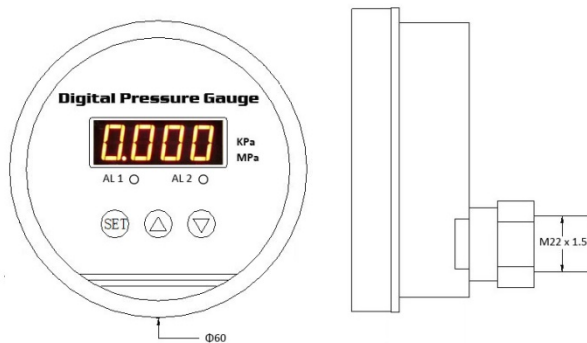
Product Introduction

ESG102 line digital pressure gauge is full electronic structure which adopts oil-filled diaphragm piezoresistive sensor; the output signal with high precision, low temperature drift has been treated by amplifier amplification process, and then inputted into the high precision A/D converter heading for digital signals, and finally been displayed via LED display to indicate the actual pressure performance/value.

The intelligent digital pressure gauge is flexible to use, simple operation, easy debugging, safe and reliable. It has been widely used in power station, water, petroleum, chemical, mechanical, hydraulic and other industries, for the fluid medium pressure measurement and display.

Electrical Connections and Dimensional drawings

Back Siding Mounting



- Please adopt hose connection for decoupling in case of heavy vibration and shock circumstance.
- Please earth the casing if adopt hose connection.
- Please make sure all connectors must be treated properly and carefully.
- Please keep distance and stay away from electromagnetic.
- Please press both ▲ and ▼ and hold for 3 second to reset the gauge if error occurs at zero pressure.

Specifications

Measuring Range	0~25MPa	Pressure type	M22 x 1.5
Overload pressure	2 times of rated pressure	Pressure type	Gauge Pressure
Display	0.36" Digital	Power supply	24Vdc
Accuracy	±1.0%F.S	Display	-1999~9999
Stability	≤0.1%F.S/Y	Relative humidity	≤80%
Working temperature	-20~70°C	Material of casing	304SS
Ingress protection	IP65		

1MPa=10bar; 1bar≈14.5PSI; 1PSI=6.8965kPa; 1kgf/cm²=1atm; 1atm≈98kPa