

## Digital Pressure Gauge EYK-100

### Description

EYK-100 The digital pressure gauge adopts imported sensor, which has superior performance, high precision, corrosion resistance, impact resistance, vibration resistance and high stability. The signal processing circuit is composed of the latest ultra low power processor, signal processing chip and power management chip. Powered by a high-capacity, high-performance lithium battery, no external power supply is required. 5-digit display and analog percentage display for intuitive reading.



### Application

- Used to petroleum, chemical industry, power plant, water supply of town, Horologic exploration fields.

### Features

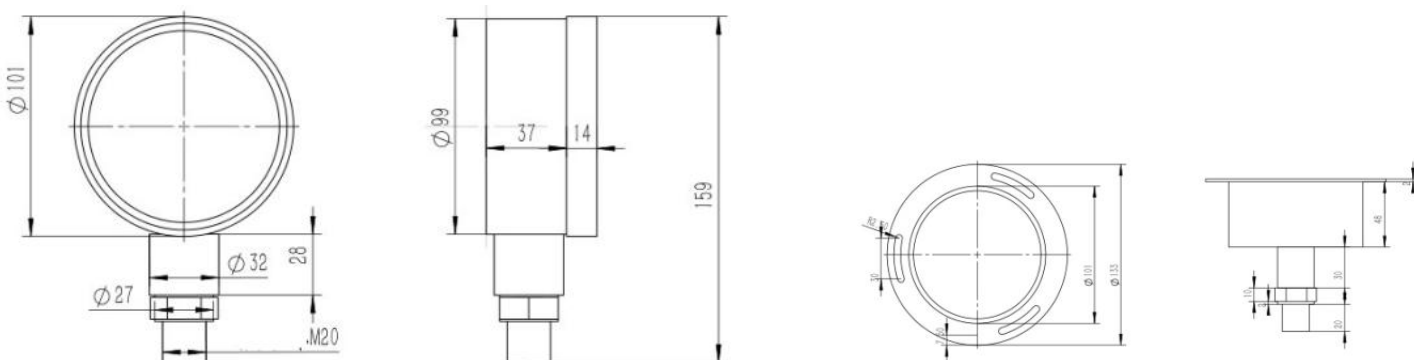
- √ Pressure on the percentage of dynamic display, (the progress bar display)
- √ Unit switch MPa, Kpa, PSI, mmHg, mHg, Bar, kgf/cm<sup>2</sup>, Pa
- √ Smart calibration, linear repair, two-second magnetic pen induction zero adjustment
- √ Micro-power consumption, work more than 2 years in power-saving mode, 2,000 hours continuous work.
- √ Parameter correction, correct zero and error in field application.
- √ Applicable to a variety of gases and liquids compatible with stainless steel pressure measurement.

### Parameters

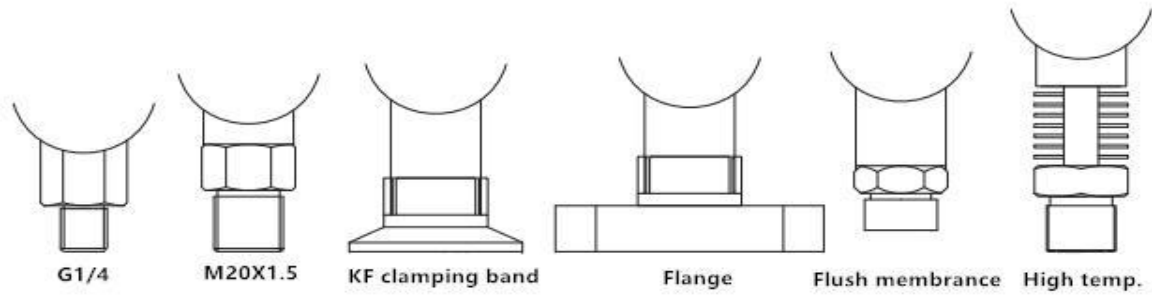
Scale Range	-0.1~0~250MPa	Accuracy	0.4%, 0.2%,
Overload capacity	200%	Pressure Type	Vacuum,Gauge,Absolute Pressure
Stability	≤0.1%/year	Battery voltage	High energy 3.7v lithium battery
Display	LCD, 5characters	Display range	-19999~99999
Ambient temperature	-20°C~70°C	Relative humidity	≤80%
Connection size	M20x1.5 Male or oem	Pressure unit	MPa, Kpa, PSI, mmHg, mHg, Bar, kgf/cm <sup>2</sup> , Pa
Case material	SS	Medium temp	-10~80°C

Note:(Vacuum range and compound range cannot switch unit)

### Dimension drawing



## Common interface drawing



## Ordering guide

EYK-100		Digital Pressure Gauge			
		<b>Code</b>	<b>Measuring range</b>		
			-0.1~0MPa, 0.6MPa, 1MPa, 1.6MPa, 2.5MPa, 4MPa, 6MPa, 10MPa, 16MPa, 25MPa, 40MPa...250Mpa		
			<b>Code</b>	<b>Process connection</b>	
		M1	M20*1.5 Male thread	M4	NPT3/8 Male thread
		M2	G1/4 Male thread	M5	NPT1/4
		M3	G1/2 Male thread	M6	Customized
				<b>Code</b>	<b>Accuracy</b>
				2	±0.4%FS
				3	±0.2%FS
				4	Customized