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## SPT28 Digital Pressure Gauge

### Features

- Large-screen LCD display, high resolution
- Peak hold function, record the maximum pressure during measurement
- Pressure percentage dynamic display, (progress bar display)
- Five engineering units to choose: psi, bar, kPa, kg /cm<sup>2</sup>. MPa
- Choose 1 ~ 15min automatic shutdown function.
- Lower power consumption, work in power-saving mode for more than 2 years, working continuously for 2000 hours.
- Parameter correction function, on-site instrument zero, error correction.
- Range up and down limit
- Sampling rate: 4 times /second
- Suitable for pressure measurement of various gas liquids compatible with stainless steel



### Introduction

SPT28 series of digital pressure gauge for the whole electronic structure, battery-powered, on-site installation is simple. It uses high precision piezoresistive pressure sensor, low temperature drift amplifier amplification processing, and high-precision A / D converter. After signal is converted into digital signal, The LCD display shows the actual pressure value.

The intelligent digital pressure gauge is very flexible, easy to operate, battery supply, safe and reliable. Widely used in hydropower, water, petroleum, chemical, mechanical, hydraulic and other industries which need pressure local display.

### Specifications

| Item                  | Specification           |
|-----------------------|-------------------------|
| Range                 | -1...0 ~ 0.01...1000bar |
| Over pressure         | 2 times FS              |
| Pressure type         | Gauge/Absolute          |
| Accuracy              | ±0.25%FS. ±0.5%         |
| Battery Voltage       | 9V                      |
| Display               | LCD                     |
| Long-term Stability   | ±0.1%FS/year            |
| Operation Temperature | -20℃~75℃                |

## SPT28 Digital Pressure Gauge

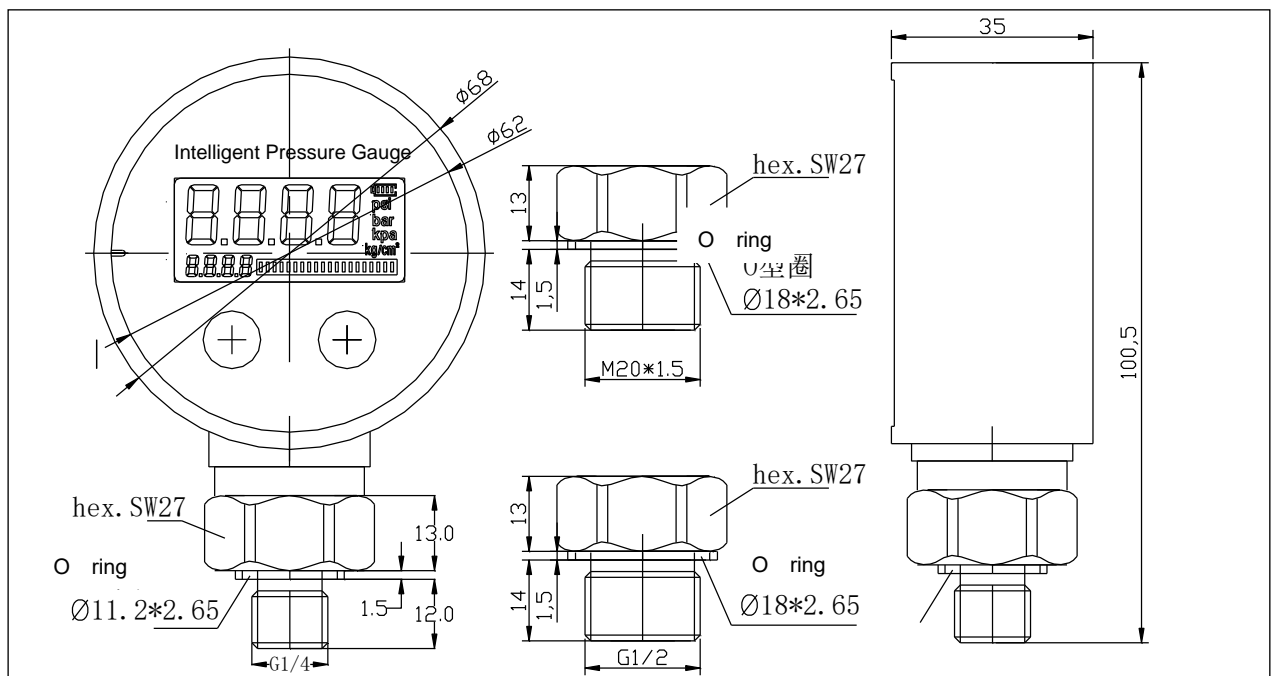
### Datasheet

|                     |                                               |
|---------------------|-----------------------------------------------|
| Storage Temperature | -20℃~80℃                                      |
| Relative Humidity   | ≤80%                                          |
| Display range       | -1999~9999                                    |
| Media Compatibility | liquid or gas compatible with stainless steel |

### Construction Material

|                    |                                     |
|--------------------|-------------------------------------|
| Interface Material | ABS (acrylamide-butane-polystyrene) |
| Diaphragm          | SS316L                              |

### Outline Construction(Unit:mm)



## Order Information

|       |          |                        |                                 |                       |                     |         |  |
|-------|----------|------------------------|---------------------------------|-----------------------|---------------------|---------|--|
| SPT28 |          | Digital Pressure Gauge |                                 |                       |                     |         |  |
|       |          | Range                  | -1...0~0.1...1000bar            |                       |                     |         |  |
|       |          | [0~X]bar               | X: the actual measured pressure |                       |                     |         |  |
|       |          |                        | Code                            | Construction material |                     |         |  |
|       |          |                        |                                 | Diaphragm             | Pressure port       | Housing |  |
|       |          |                        | 22                              | SS316L                | SS                  | SS      |  |
|       |          |                        | 24                              | SS316L                | SS316L              | SS316L  |  |
|       |          |                        |                                 | Code                  | Others              |         |  |
|       |          |                        |                                 | C1                    | M20*1.5 male thread |         |  |
|       |          |                        |                                 | C3                    | G1/2 male thread    |         |  |
|       |          |                        |                                 | G                     | Gauge               |         |  |
|       |          |                        |                                 | S                     | Sealed gauge        |         |  |
|       |          |                        |                                 | A                     | Absolute            |         |  |
|       |          |                        |                                 |                       |                     |         |  |
| SPT28 | [0~1bar] | 22                     | C1                              | the whole spec        |                     |         |  |

## Note:

1. The battery are 9V battery.
2. Special requirements, please consult with our company and indicate them in the order.