

Instructions

Precision Digital Instrument

PT 118



attestation

Please read this instruction manual carefully before installation



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Product description

PT 118 series precision digital instrument is a fully electronic structure, using battery power supply, easy to install on site. The front end uses high-precision diffusing silicon sensor, the output signal is amplified by the high-precision, low-temperature drift amplifier, and sent to the high-precision A / D converter, which is converted into digital signals that can be processed by the microprocessor. After computing processing, the actual pressure value is displayed by the LCD display.

The battery power supply digital display pressure gauge is flexible to use, simple to operate, easy to debug, safe and reliable. Widely used in hydropower, tap water, petroleum, chemical, mechanical, hydraulic and other industries, the pressure of fluid media measurement display.

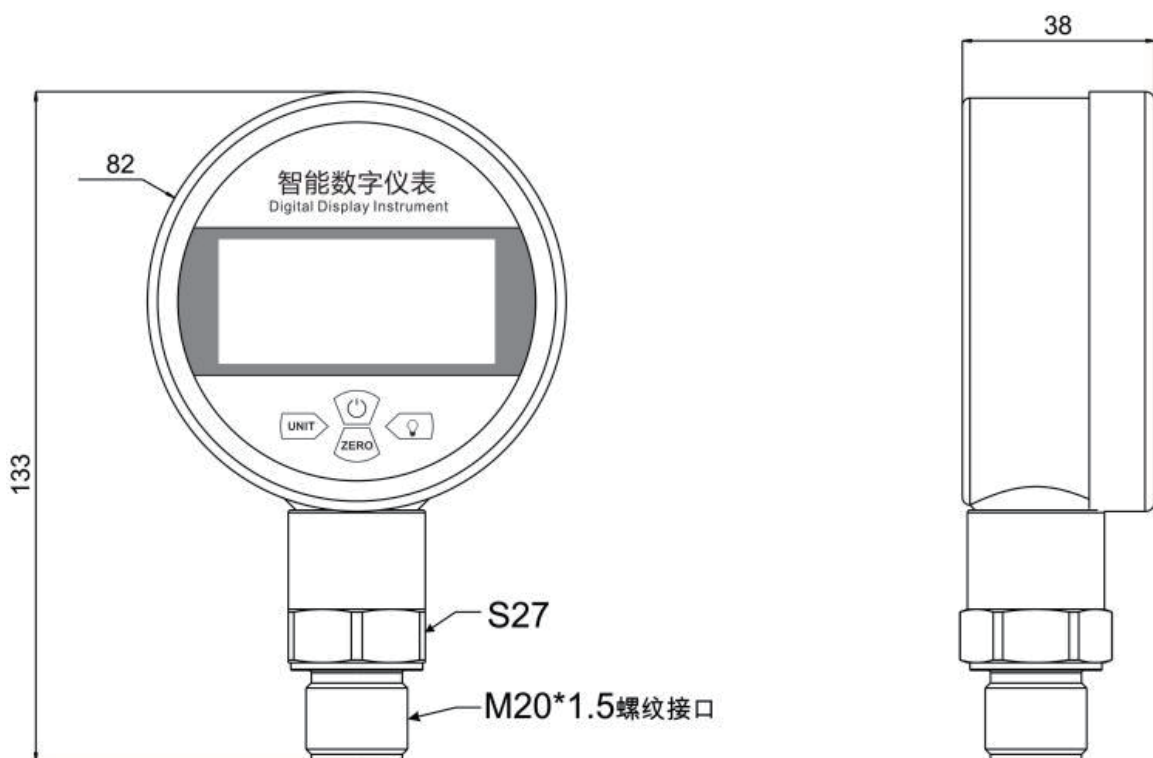
Product characteristics

- Large measurement range, intelligent, and high precision.
- Large screen LCD display, high resolution, ignore the value error.
- Selection of five engineering units: psi, bar, kpa, kg / c m² Mpa.
- Micro-power consumption, can work for more than 1 year, continuous work for 2,000 hours.
- High precision, high stability, high reliability, strong anti-interference ability.
- Suitable for pressure measurement of various gases and liquids compatible with stainless steel.

Technical parameters

Parameter	Parameter values	Parameter	Parameter values
range ability	-0.1~0-0.02~100MPa	accuracy class	0.1 , 0.2 , 0.5
stability	0.2% / year	display mode	LCD
pressure type	mege pressure, absolute pressure, sealing gauge pressure	power supply voltage	3V (2 # 7)
overload capacity	1.5 x of the full range	levels of protection	IP65
temperature effect	at the specified operating temperature, the output is $\pm 0.05\%$ of the ambient temperature		
medium temperature	-30 °C ~85 °C	working temperature	-20 °C ~+80 °C
relative humidity	0~90% without condensing	storage temperature	-40 °C ~+100 °C

Appearance



Instructions for use

1. Function key "", and the right side button.

Main function, enter the menu key, backlight to open the key. Under normal display conditions, short press this button to open or close the backlight.

Long press this "key" backlight flash, flash stop display "LOCK" and then enter the password press the left "UNIT" key to enter the menu. With the menu options, press the key to enter the specific settings.

2. Shift key "ZERO", and the middle and bottom side button.


Shift key, mainly used for password input, shift function. In addition, when setting the value, modify the setting value function.

3. Self-add key "", and the middle button.

When entering the password, add the value function of the current bit. In addition, when setting the value, modify the setting value function.

4. Function key "UNIT", and the left side button.

Main function, in the normal display situation, press this "key" as the unit switch, to confirm the button when entering the menu.

- Long press the " " key to display Lock, enter the password "0001", and press "UNIT" to enter the user menu. If the password is wrong, it will automatically return to the measurement mode.

User menu

- OFFt: shutdown time, it is not shutdown when the value is 0, 1~15 corresponds to the shutdown time in minutes.
- BCIT: backlight off time, no operation is off backlight, 0 is not off, other values are the corresponding number of seconds. No backlight, please ignore it.
- IntE: Sampling interval, the larger the setting value, the longer the sampling time, the smaller the value, the faster the reaction time, and the greater the power consumption.
- Filt: Filter coefficient, the set value represents the sample value output display value, how many sample values, find the average, and then show, the larger the value, the more accurate, the smaller the more sensitive.
- Unit: unit selection.
- ZERO: the shielding value of zero point, the thousand ratio of range.

Attachment

1	Precision digital instrument	a
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3	certificate	a part