

Description

UPB6 economical pressure transmitter adopts the pressure sensor UPX19 with stainless steel isolation diaphragm as the pressure measuring element, with good performance in long term stability and reliability.

With 4-digit LED indicator, the pressure value can be read real time.

The product is widely used in hydropower, petroleum, chemical, hydraulic and other industries to measure the pressure of the fluid medium.



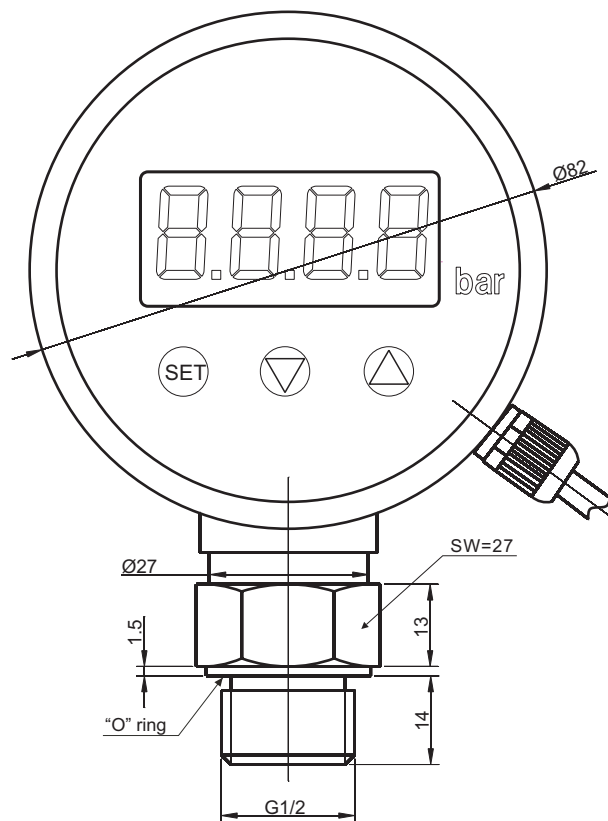
Features

- Complete smart 4~20mA working pattern, 4-digit 0.56" LED display.
- Provide rapid calibration function, parameter modification function, key modification function, suitable for the special needs of various customers.
- Full digital calibration, without any movable potentiometer, lower temperature drift.
- Stronger anti-interference design, suitable for all kinds of electromagnetic industrial environment.
- A unique non-linearity correction function, ideal for removing sensor's non-linearity errors.
- Case and circuit board are made through professional mold, firm and reliable.
- Special strong anti-interference design, especially suitable for the heating and water supply industry.
- Cable outlet port using a waterproof joint, protection IP 65.

Specifications

pressure ranges	-1...0~0.1...1000bar
overload pressure	150%FS
output signal	4~20mA two-wire
accuracy	0.25%FS, 0.5%FS
load resistance	$R_L = (U - 12V) / 0.02A$ (4~20mA current output) U—loop voltage (V)
long-term stability	<0.2%FS/year
supply voltage	12~32VDC
operating temperature range	-30~+80°C
temperature coefficient of zero	0.2%FS/10°C
temperature coefficient of span	0.2%FS/10°C
process connection	G1/2 or others
housing material	ABS engineering plastic
sealing material	nitrile rubber
dial meter	82mm
display speed	10 times/sec.
display method	4-digit 0.56" LED, Red color, highlight
display range	-1999~9999

Dimensions



Ordering code

UPB6				
	range (0~X)bar	measuring range: -1...0~0.1...1000bar		
		X: required measuring range		
		code	pressure type	
		G	gauge	
		A	absolute	
		S	sealed gauge	
		D	differential	
		code	pressure connection	
		P2	G1/2	
		P4	M20x1.5	
		P5	1/2NPT	
		Pz	customer request	
UPB6	(0~20)bar	S	P2	