

## Description

UPS6 digital pressure controller combines the functions of pressure measurement, display as well as control. The front head of UPS6 is using high precise pressure sensor, its output signal is amplified and processed by high accuracy amplifier, then transmitted into A/D converter to convert the signal to be digital signal that can be processed by micro processor. The processed signal can control two switches, and realize the pressure measurement and control for system.

UPS6 is widely used for pressure measurement and control of fluid media in many areas like in electricity, water, petroleum, chemical, mechanical, hydraulic and other industries.



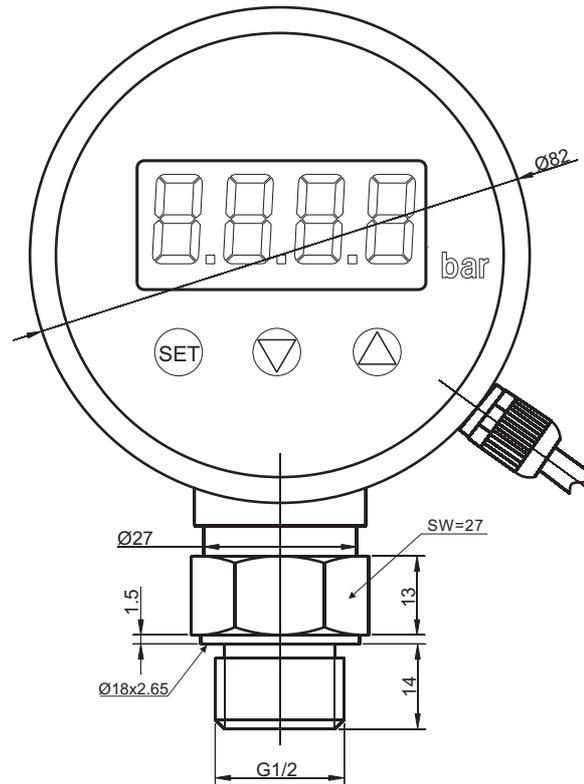
## Features

- 4-digit 0.56" LED display, no value error
- Switch point can be set between zero and span.
- LED display easy for observation.
- Button adjustment and field settings of various parameters, convenient operation
- 2-way relay output, 220V/3A
- Strengthen the anti interference design, suitable for all kinds of electromagnetic harsh industrial environment.

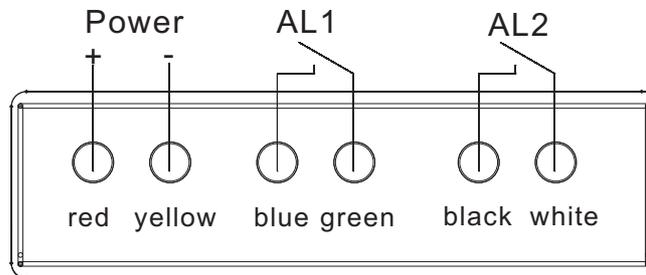
## Specifications

pressure ranges	-1...0~1...1000bar
overload pressure	150%FS
pressure type	gauge
accuracy	0.5%FS
display	4 digit LED
display range	-1999~9999
consumption	<3W
loading capacity	3A/220V AC
long-term stability	<0.2%FS/year
supply voltage	24VDC
operating temperature range	-40~+85°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
electrical connection	6-core cable
housing material	ABS engineering plastic
housing diameter	82mm
protection	IP 65

## Dimensions



## Electrical connection



## Ordering code

UPS6			
	range	measuring range: -1...0~1...1000bar	
	(X1~X2)bar	X1: lower limit of actual measuring range, X2: higher limit of actual measuring range	
	code	pressure connection	
	P2	G1/2	
	P4	M20x1.5	
	P5	1/2NPT	
	Pz	customer request	
UPS6	(0~20)bar	P2	