

Description

UPS5 intelligent pressure controller is using high quality silicon pressure sensor as sensing element, this smart digital instrument has combined functions like pressure measurement, display, output and 4-way relay controls

UPS5 is suitable for flow medium pressure measurement and control, and transfer remote analogue output signal 4~20mA or digital RS485(MODBUS RTU) for easy networking.

UPS5 is widely used in water and electricity industry, petroleum industry, chemical industry etc, for the level measurement and control of many kinds of fluids or gas on the spot.

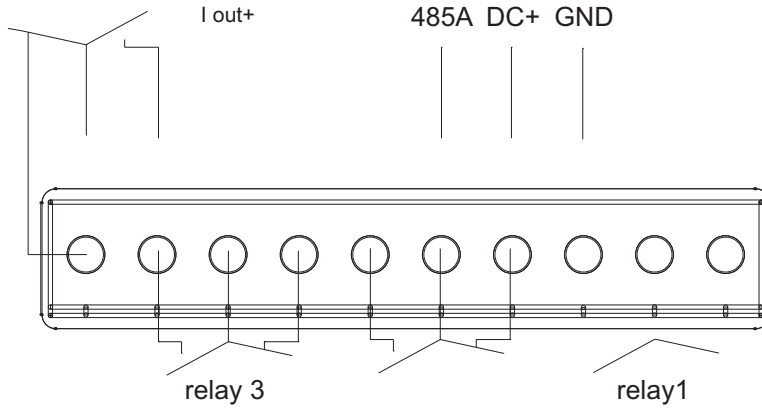
Features

- flame explosion-proof housing design
- 4-digit LED display, without apparent value error
- 4-channel control point relay output 220V 3A
- 4~20mA standard output (optional)
- 4-channel control point can be set on the spot
- Power supply optional: 24V DC or 220V AC
- Rs485 interface, for easy networking(optional)

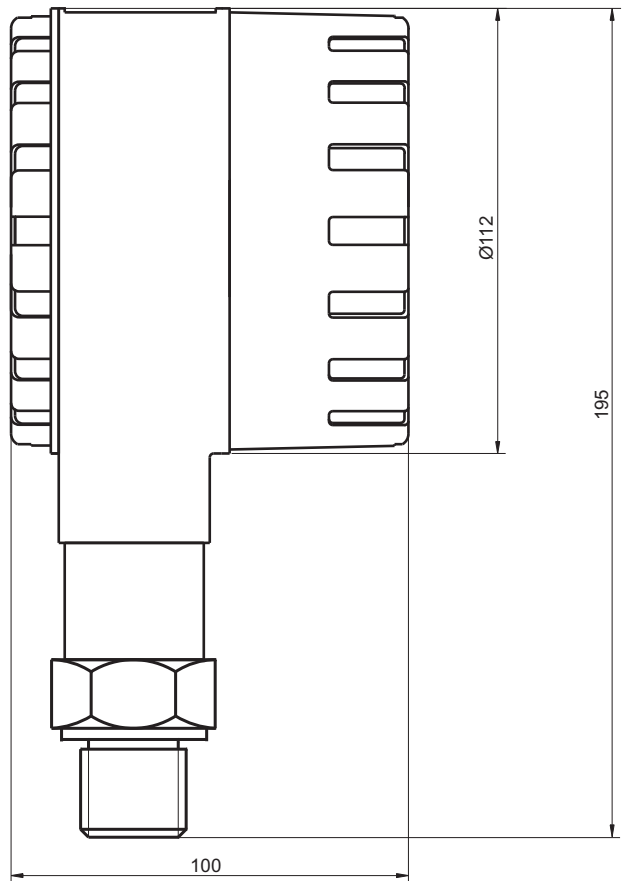
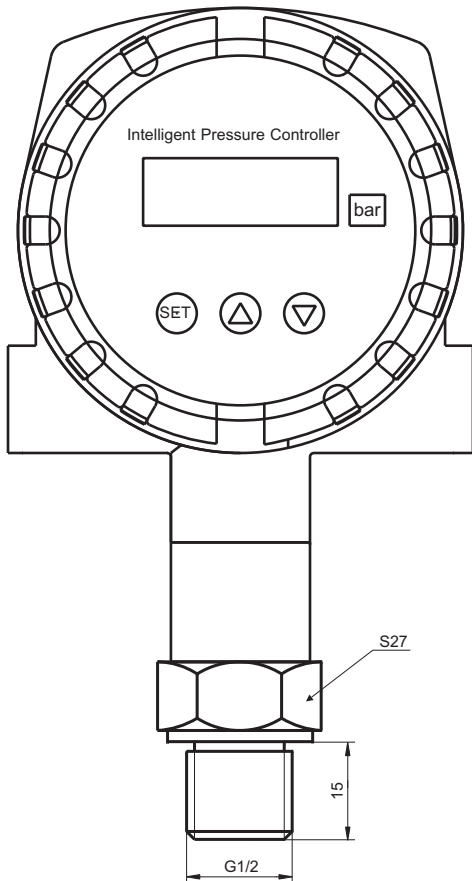


Specifications

pressure medium	gas or liquid compatible with stainless steel
pressure ranges	-1...0~0.1...1000bar
overload pressure	150%FS
output signal	4~20mA(option)
controlling accuracy	0.25%FS(standard),0.5%FS
display	0.56" 4-digit LED
display range	-1999~9999
display accuracy	0.1%FS
long-term stability	<0.2%FS/year
supply voltage	24V DC or 220V AC
compensated temperature range	-10~+70°C
media temperature range	-40~+120°C
coefficient temperature	0.2%FS/10°C
process connection	M20x1.5 or others
material of housing	cast aluminium
material of wetted part	1Cr18Ni9Ti
protection	IP66



Dimensions





UPS5 Intelligent Pressure Controller

Ordering code

UPS5						
range		measuring range: -1...0~0.1bar...1000bar				
(X1~X2)bar		X1: lower limit of actual measuring range, X2: higher limit of actual measuring range				
		code	pressure type			
		G	gauge			
		A	absolute			
		S	sealed gauge			
		D	differential			
		code	power supply			
		Z	24V DC(standard)			
		J	220V AC			
		code	process connection			
		P2	G1/2			
		P6	1/2NPT			
		P4	M20×1.5			
		Pz	customer request			
		code	output			
		O0	no output			
		O1	4~20mA			
		O2	RS485(MODBUS RTU)			
UPS5	(0~25) bar	S	Z	P2	O1	

*: The pressure set-point and switch state of the two-way pressure switch can be set at any range, suggesting to set the pressure within 10%~100%, so as to assure the working stability of control point.