

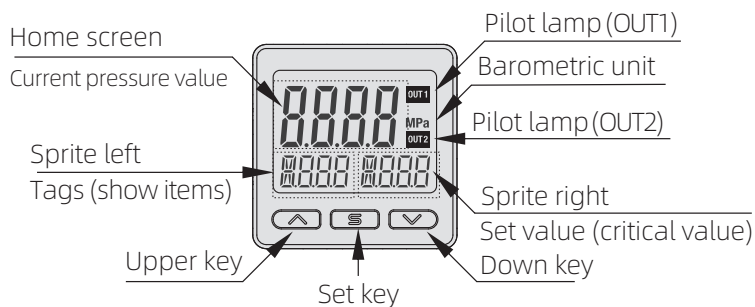
Universal flow type digital display pressure switch NP Series

Parameter specification

Model number	High protection universal flow type		
	Low pressure	High pressure	Extra high pressure
Rated pressure range	-101.3~101.3kPa	-0.101~1.000MPa	-101.3~2.500MPa
Set pressure range	-105.0~105.0kPa	-0.105~1.000MPa	-105.0~2.500MPa
Maximum pressure resistance	500KPa	1.5MPa	5.0MPa
Applicable gas	Do not corrode SUS316L or SUS304 liquid or gas		
Supply voltage	12~24V DC±10%		
Current consumption	Up to 45mA (no load)		
Display resolution at different pressure units	kPa	0.1	1
	MPa	—	0.001
	kgf/cm ²	0.001	0.01
	bar	0.001	0.01
	psi	0.01	0.1
	mmHg	0.1	—
	inchHg	1	—
Comparison output	NPN Max load current: 100mA Max supply voltage: 30VDC Internal pressure drop: less than 1.5V PNP Max load current: 100mA Max supply voltage: 24VDC Internal pressure drop: less than 1.5V		

Model number	High protection universal flow type		
	Low pressure	High pressure	Extra high pressure
MODBUS	have		
Display Accuracy	±2%F.S. ±1digits(Service temperature25±3℃)		
Repeatability	+0.2%F.S. ±2digits		
Reaction Time	2.0ms,50ms,100ms, 250ms,500ms,2000ms, 3000ms, 5000ms		
Reveal	3 colors (red, orange, yellow and green) display (sampling rate :4 times/SEC)		
Temperature Characteristic	Within ±2%F.S., comparison reference temperature 25℃ (0~50℃ use range)		
Use Environment	0~50℃(no condensation, no icing); 35~85%RH(anhydrous dew)		
Preservation Environment	-10~50℃(no condensation, no icing); 35~85%RH(anhydrous dew)		
Class Of Protection	IP65		
Nozzle Diameter	R2: outer R1/4, inner M5; S: SCR1/4 face seal, compatible with VCR1/4		
Weight	≈110g		
Attachments	One power cable with terminal, one manual		

Product illustrations and size (mm)



Notice

If the air opening of the switch is at risk of exposure to water or dust, insert the hose sold separately into the air opening until the other end of the bottom leads to a safe environment away from water and dust.

