



INTELLIGENT PRESSURE GAUGE serie THiy6



Specification:

THiy6 Intelligent pressure gauge is made with entire electronic structure, and uses battery as power supply. It is easy for field installation. THiy-6 intelligent pressure gauges are using high accuracy piezoresistive pressure sensors, which is located in the front end of UIY6. The output signal of the pressure sensor is processed and amplified by high accuracy and low temperature coefficient amplifier, and then transferred to A/D switch to transform digital signal which can be processed by microprocessor. After processing operation, the pressure gauge will demonstrates the actual value of the pressure by LCD indicator. THiy6 has automatic turn-off function in 1~15min. The use of THiy6 intelligent pressure gauge is obviously flexible, and its operation is very simple, and the adjustment of this gauge is easy, safe and reliable. THiy6 intelligent pressure gauge is widely used in such industries as water and electricity, running water, petroleum, chemical, and machinery, for the measurement and demonstration of fluid medium's pressure.

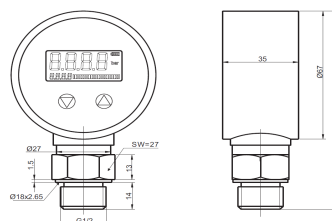
Description:

- LCD display, high resolution, without apparent value error
- Peak value recording function, record the max. pressure value during measuring process
- Selectable ranges: MPa, psi, bar, kPa, kg/cm²
- 1~15min automatic turn-off function
- Parameter revision function, can revise the gauge's zero error on the spot

TECHNICAL PARAMETERS			
Pressure medium	gas or liquid compatible to stainless steel	Battery power supply	9V DC
Pressure ranges	-1...0bar~0.1...1000bar	Compensated temperature range	0~+50°C
Pressure type	gauge(G), absolute(A)	Operating temperature range	-20~+70°C
Overload pressure	150%FS	Selectable ranges	MPa, psi, bar, kPa, kg/cm ²
Accuracy	0.1%FS, 0.25%FS(standard), 0.5%FS	Sampling speed	4 times/sec.
LCD display	4-digit	Process connection	G1/2, G1/4, M20x1.5, 1/2NTP
Display range	-1999~9999	Material of housing	cast aluminium
Long-term stability	<0.1%FS/year		

Order code:

THiy6				
	Range	Pressure type	Accuracy	Process connection





THIY6				
	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		
			Code	Accuracy
			B	0,1%
			C	0,25%
			D	0,5%
			Code	Process connection
			P1	G1/4
P2			G1,2	
P4			M20 x 1,5	
P5			1/2NPT	
Pz	customer request			

THIY6	(0-20)bar	G	C	P2
	Range	Pressure type	Accuracy	Process connection