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SPK02 Explosion Proof Pressure Controller

Features

- 4 digits display the current pressure value
pressure preset switch point and delay switch output
- Switch signal can be set it randomly between zero and full scale
- Easy to observing key-press calibration and the parameter's setting in field
Convenient operation. The load capacity is 3A 250VAC/3A 30VDC
- Analog output (4-20mA)



Introduction

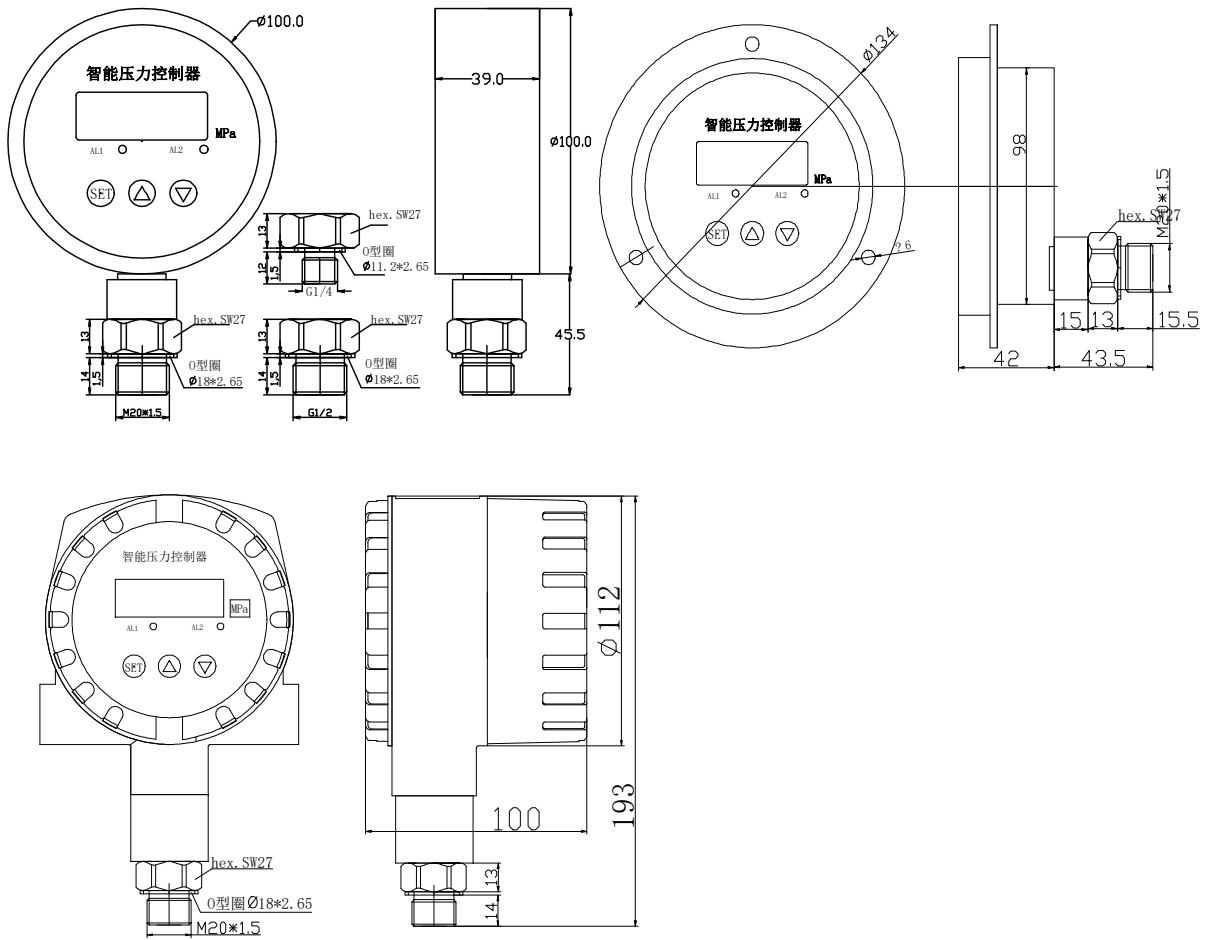
SPK02-Pressure Controller is a kind of intelligent digital pressure control products. It integrates pressure measurement, LED display and control. It is complete electronic structure, the former adopts pressure sensor which is diaphragm, oil fulfill and piezoresistive type.

Application: Measure the gas and liquid. Suit for pump control, tank monitoring, level control, filter plug, monitoring, leakage monitoring. Also, it widely used in hydraulic and pneumatic situation, like mechanical facility and process control.

Specification

Item	Specification
Control range	-1...0~0.001...1000bar
Stability	≤ ±0.2% / year
Display	4-digit LED display
Power supply range	24V±20%
Load capacity	3A 250VAC/3A 30VDC
Protection class	IP65
Ambient temperature	-30℃~70℃
Storage temperature	-40℃~85℃
Accuracy	±0.25%FS. ±0.5%FS
Display accuracy	0 to 80%
Display range	-1999 to 9999
Maximum power consumption	<3W
Relative humidity	±0.1% FS

Outline Dimension (Unit:mm)

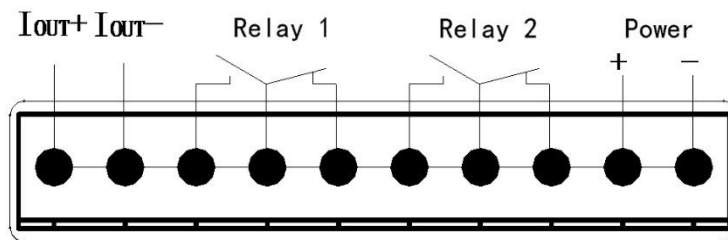


Mechanical connection

It can be directly installed on the hydraulic pipe through the pressure pipe joint (din3582 external thread G1 / 4) (other size joints can be described when ordering). In key applications (such as severe vibration or impact), the pressure pipe joint can be mechanically decoupled through micro hose.

Electrical connection

Red V+ Black V- Orange OUT+ White OUT- Blue ON Green COM1 Brown ON2 Grey COM2



Order Information

SPK02	Pressure Controller			
	Range	-1...0~0.1...1000bar		
	[0~X]bar	X: the actual measured pressure		
		Code	Output signal	
		E	4~20mADC	
		R2	2xRelays	
		R4	4xRelays	
		R	RS485 Modbus RTU	
			Code	Construction material
				Diaphragm Pressure port Housing
			22	SS 316L SS304 SS
			24	SS 316L SS316L SS
			Code	Others
			B6	Terminal connection
			B3	Cable exit
			C1	M20*1.5 male thread
			C2	G1/4 male thread
			C3	G1/2 male thread
			G	Gauge
			S	Sealed gauge
			A	Absolute
			AC	220VAC power supply
SPK02	[0~10bar]	R2	22	B2C2G the whole spec