

[Features]

- Equipped with four signal input channels, each configurable for 4–20 mA, 0–5 V, or RS485 as the source
- Users can define the channel name, measurement range, unit, and other parameters for each of the four inputs
- Four control relays can be freely assigned to any channel, with selectable alarm types (HH/H/L/LL/Fail)
- The controller includes two common alarm outputs (COM1: First-stage alarm; COM2: Second-stage alarm, with reset function)
- Includes indicator light and buzzer test functions
- Controller parameters can be configured directly through the built-in USB port
- Analog inputs provide 24 VDC excitation, allowing direct power supply to sensors



[Applications] Gas Detectors, industry monitors, water instruments

[Optional code] 042-Code 1

Code1	Software plus
N	Parameter setting software

[Specifications]

Power	◆24VDC ◆Power consumption : 4.8W			
Environment	Operating temp	0℃ ~ 50℃ (32°F ~ 122°F)		
	Storage temp	-20℃ ~ 70℃ (-4°F ~ 158°F)		
Alarm output	Output	4 points · 5 stages alarm setting (H/HH/L/LL/Fail)		
	Concurrent Alarm Setting	COM1: 1 st stage alarm (Hi / Lo)		
		COM2: 2 nd stage alarm, with reverting function(HiHi / LoLo)		
		Relay capacity	1 A / 125 VAC or 1 A / 250 VAC	
Communication	Interface	RS-485/RS-232*1 port (1 of 2) RS-485*1 port		
	Protocol	Modbus RTU		
Signal input	Input points	4 points (24VDC≤300mA Each)		
	Signal input	4-20 mA / 0-5V		
Display Board	Backlit LCD	20 lines × 4 rows		
	LED indicator	Alarm : AL1 / AL2 / AL3 / AL4		
		Alarm concurrent : COM1 / COM2		
		Display range	-99999 ~ 999999	
Button	RST	Delete button, reverting COM2 alarm		
	▽	Decision button		
	ENT	Confirm button		
System description	Power consumption	Maximum to 5W		
	Accuracy	±0.1% full scale		
	Sampling rate	≤10times/second		
Physical conditions	Material	ABS	IP rating	IP 65
	Dimensions (mm)	235 x 185 x 119	Weight	1.3kg
	Installing Type	Wall mounting type		
Certificate	CE · FCC			

[Dimensions]

