

DC 0-10V/0-20mA Voltage and Current Signal Generator

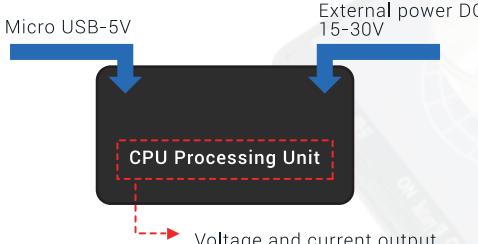
Model: U6206

INTRODUCTION



UCTRONICS U6206 signal generator is designed to simulate 0-10V voltage signal and 0/4-20mA current signal for PLC and panel debugging, device testing, frequency converter, flow valve, etc.

POWER SUPPLY

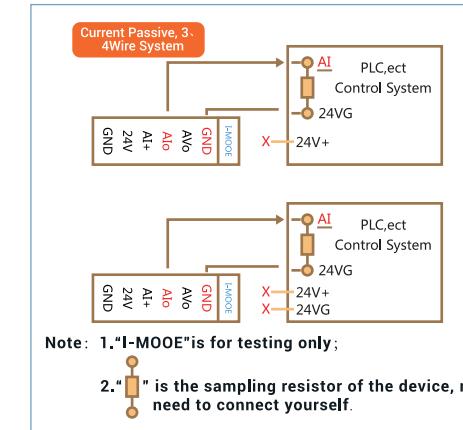
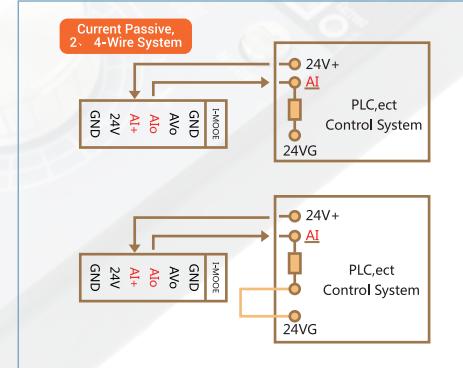


- Each way of the power supply makes the generator work; both ways can be connected at the same time.

FEATURES

- Adjustable: the encoder knob supports stepless adjustable rotation, used to adjust the output value.
- Can be calibrated: please refer to OPERATION.
- Multiple-display: press the small button to switch the display mode between voltage and current, the original mode will continue to output, but it's not in an adjustable state; you can also follow the "System Operation" to switch 0-100 percent or 0-50HZ display.

WIRING DIAGRAM



SPECIFICATIONS

- Product Dimension: 3.94"×2.36"×0.98"
- Voltage Output: DC 0-10V, precision is 0.01V
- Current Output: DC 0-22mA, precision is 0.01mA
- Display: 4-digit LED, two decimal

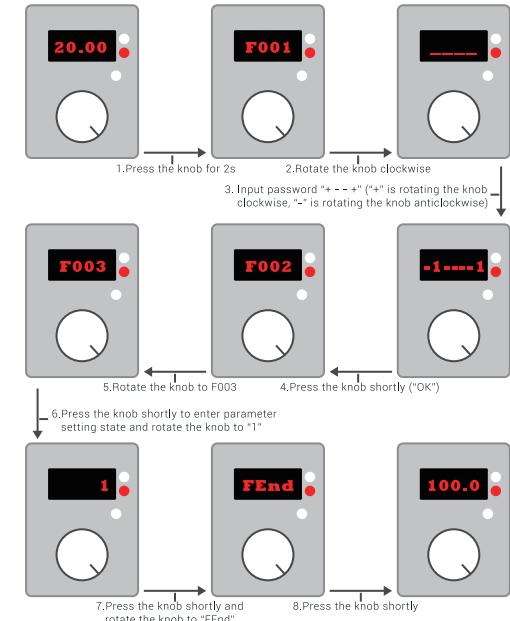
SYSTEM OPERATION

- Knob: push down the knob is "OK (confirm)", clockwise rotation is "+" (add), anticlockwise rotation is "-" (minus)
- Save the output value: press the knob shortly to save the output value, the screen will display "..." if save successfully, and it will output the saved value when turned on next time.
- Set up parameter:
 - Press the knob for 2 seconds to enter the setting state, the screen will display "F001";
 - Rotate the knob to change parameter item (you need to input password "+ - +" (turn the knob) when you enter F002, it will exit setting state if the password is wrong);
 - If you want to enter the displayed parameter item, you need to press "OK" and rotate the knob to switch parameter;
 - Press "OK" to save the parameter and exit the parameter setting state, it will get to the next parameter item automatically (it will get back to normal operation if you didn't input password after setting the parameter of F001);
 - Rotate the knob directly to the last parameter item "FEnd" press "OK" to finish setting and get

back to normal operation;

-It will exit setting state if there is no operation for 10 seconds.

- Operation Example - switch the display mode to 0-100 percent:



- Parameter description table:

Parameter Item	Parameter	Description	Default
F001	coarse/fine adjust	0: coarse; 1: fine	0
F002	output range	if the display mode is voltage 0: 0-10V; 1: 0-5V; 2: 2-5V; 3: 1-5V; 4: 0-3.3V	0
F003	display mode	if the display mode is current 0: output voltage; 1: 0-100 percent; 2: 0-50Hz	0
F004	adjust coarse value per knob's pulse	1-50 digit to add or subtract per knob's pulse, no decimal, (1-50)X10	1
F005	adjust fine value per knob's pulse	1-50 digit to add or subtract per knob's pulse, no decimal, (1-50)X1	1
F006	calibration value	-999--999	

CONTACT US

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