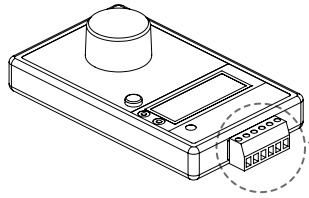


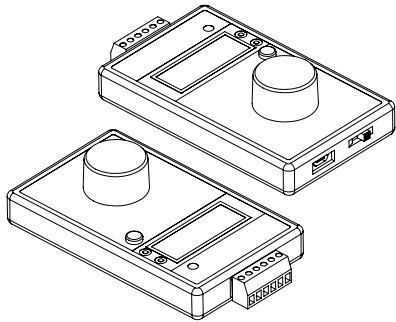
UCTRONICS

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

Model: U620602

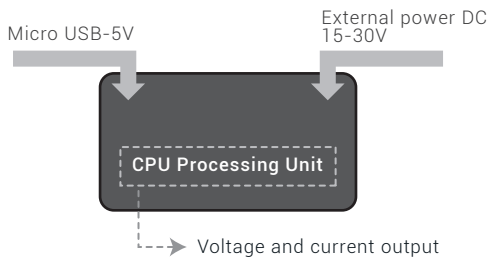


INTRODUCTION



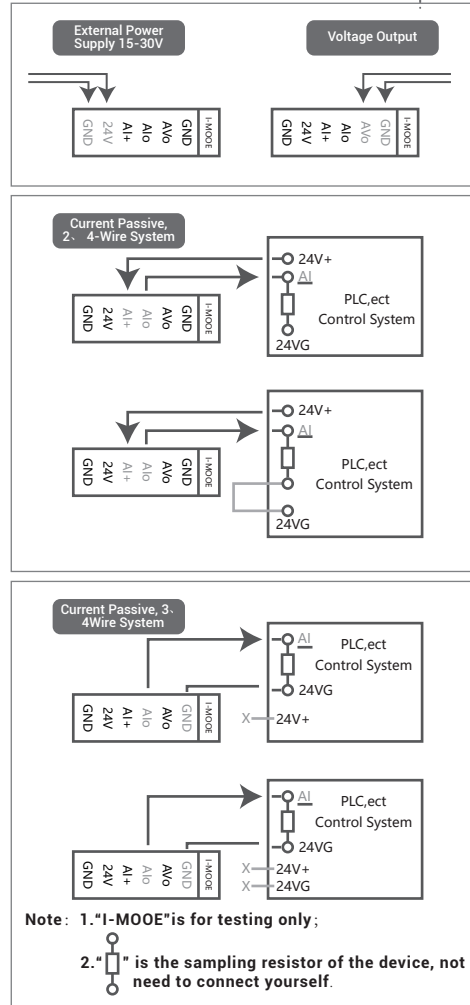
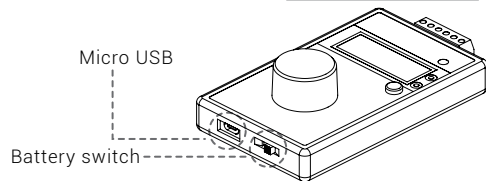
UCTRONICS U620602 signal generator is designed to simulate -10V to 10V voltage signal and 0/4 to 20mA current signal for PLC and panel debugging, device testing, frequency converter, flow valve, etc.

POWER SUPPLY



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

WIRING DIAGRAM



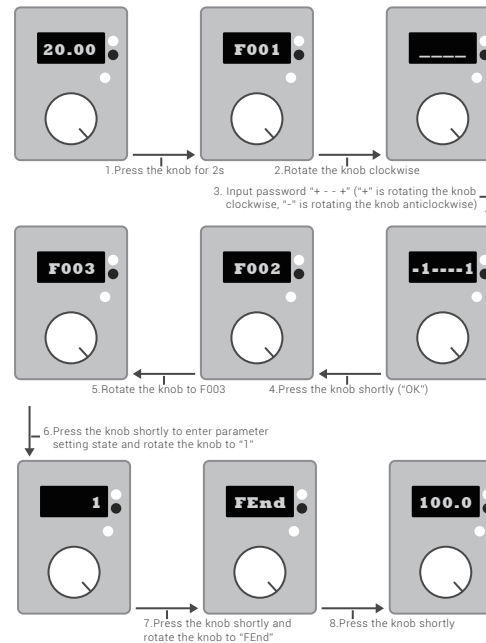
SPECIFICATIONS

- Product Dimension: 3.94"×2.36"×0.79"
- Voltage Output: DC -10 to +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.
- Parameter settings :
 - 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 on operation for 10 seconds.

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



- Set rapidly call output value:
 - Press the knob for 2 seconds to enter "F001";
 - Rotate the knob to change parameter item, input password "+ - - +" (turn the knob) to enter F100;
 - Press "OK" and rotate the knob to set the quantity (2-9) of rapidly call output values;
 - The rapidly call values will be saved as parameter items F101 to F109; Rotate the knob to switch value items, and then press "OK" and rotate the knob to set every rapidly call output value.
 - Rotate the knob directly to the last parameter item "FEnd", press "OK" to finish setting and get back to normal operation.
 - Press the knob for 2 seconds and press "OK" to enter F001, rotate the knob to change the parameter to 2, press "OK" to save the setting and call the output value quickly, you can rotate the knob to change the rapidly call output values.

- Parameter description table:

Parameter Item	Parameter	Description	Default
F001	coarse/fine adjust	0: coarse; 1: fine; 2: rapidly call output mode	0
F002	output range	if the display mode is voltage: 0: ±10V; 1: ±5V; 2: 0-10V; 3: 2V-10V; 4: 0-5V; 5: 1V-5V; 6: 0-3.3V; 7: 0-2.5V; 8: 0-1V; 9: -10V-0V	0
F003	display mode	if the display mode is voltage: 0: output voltage; 1: 0-100 percent; 2: 0-50HZ	0
F004	adjust coarse value per knob's pulse	if the display mode is current: 0: 0-20mA; 1: 4-20mA; 2: 0-22mA	0
F005	adjust fine value per knob's pulse	if the display mode is voltage: 0: output voltage; 1: 0-100 percent; 2: 0-50HZ	0
F006-F008	calibration value	if the display mode is current: 0: output current; 1: 0-100 percent; 2: 0-50HZ	0
F100	rapidly call output values	-10V 0V, 10V calibration, -199--+199	1
F101-F109	rapidly call values	0: not use; 2-9: number of rapidly call values	1
		the value type (voltage/current) depends on the display mode when settings	0

CONTACT US

If any problem, feel free to contact us.
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 Email: support@uctronics.com