

Panel-mounted Digital Potentiometer Signal Generator Simulator

SD003-DVR

Main Features

- Digital display potentiometer
- Input voltage: 6-30V DC
- Suitable for replacement of small power potentiometers
- Can be connected to the speed controller, inverter.
- Adjustable range: 0-100%, for example, if choose 10K, then the adjustable range is 0-10K
- The Displayed values are customizable.
- Dimensions: 79*26*43mm / 3.11*1.02*1.69 inches

General Parameters



Settings	Radius	Operation procedure
A Minimum parameter range	-1000~1000	①: Long press A key when the first flashing.
		②: Press B key to adjust the value.
		③: Press A key to switch the second, third, and fourth position.
		④: Press storage and exit.
B Parameter to set the multiplier	0.1~5.0	①: Long press B key to flash four digits together.
		②: Press A key to add 1 each time, adjust to the appropriate value.
		③: Press B key again to store and exit.
C Magnification Setting	x1, x2, x10	①: Press the B key to switch magnification, 1x or 2x or 10x, ②: Automatic storage after 2 seconds.
D decimal point setting	X.XXX, XX.XX XXX.X, XXXX	①: Short press the A key to switch the decimal point, ②: Automatic storage after 2 seconds.

Reference table for parameter setting

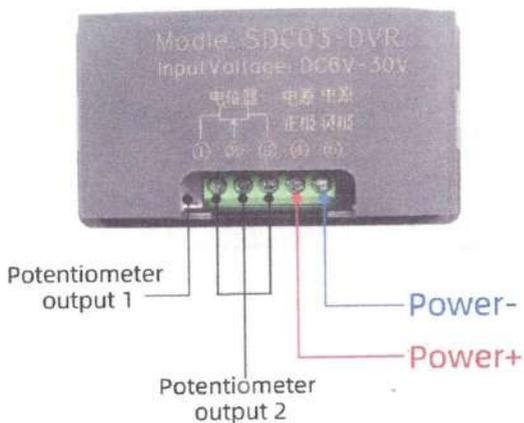
Serial Number	Display Minimum Number	Display Maximum Number	Set Minimum Value A	Set the Magnification B Max 5.0	Set the Decimal Point D	C10 C02 or C01 set C
1	0000	1000	0000	1.0	XXXX	C01
2	0000	640.0	0000	3.2	XXX.X	C02
3	030.0	080.0	0300	0.5	XXX.X	C01
4	-50.0	050.0	-500	1.0	XXX.X	C01
5	04.00	20.00	0400	1.6	XX.XX	C01
6	0000	8000	0000	4.0	XXXX	C02
7	-1000	1000	-1000	2.0	XXXX	C01
8	00.00	10.00	0000	1.0	XX.XX	C01
9	3000	5000	0300	0.2	XXXX	C10
10	00.00	24.00	0000	2.4	XX.XX	C01
11	-1500	1500	-150	0.3	XXXX	C10
12	-1999	2000	-1000	2.0	XXXX	C02

Attention:

- ① Standard potentiometer linear error of more than 5%
- ② The display range ranges from -1999 to 9999
- ③ If the minimum value displayed is less than -1000 or greater than 1000, consider C02 or C10 first

Terminal Definition

Code	4	5	1. 2. 3.	
Functions	Power supply +	Power supply-	Signal output +	Signal output-



Potentiometer output 1 and potentiometer output 2 only need to connect one.



Weight: 60g

Product size		Cut-out size

*The specification is subject to change without notice.