

**PROBOTS**  
SD003-DVR Digital  
Display Potentiometer



# Probots SD003-DVR Digital Display Potentiometer Owner's Manual

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**PROBOTS**

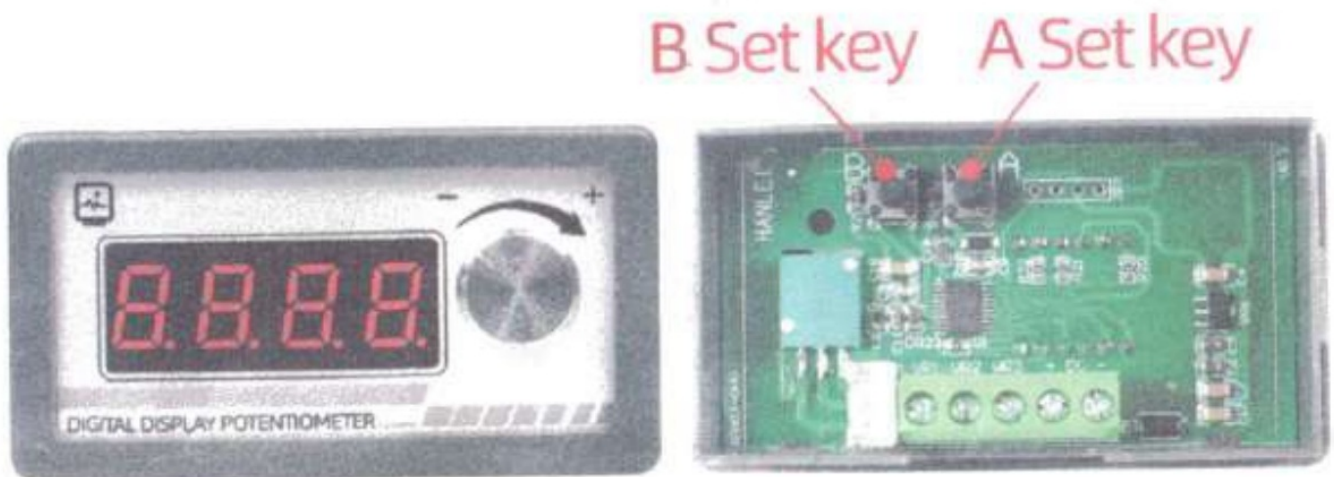
**Probots SD003-DVR Digital Display Potentiometer**



## 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 IOK, then the adjustable range is 0-IOK
- The displayed values are customizable
- Dimensions: 79\*25\*41mm / 3.1\*1.0\*1.6 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<br>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

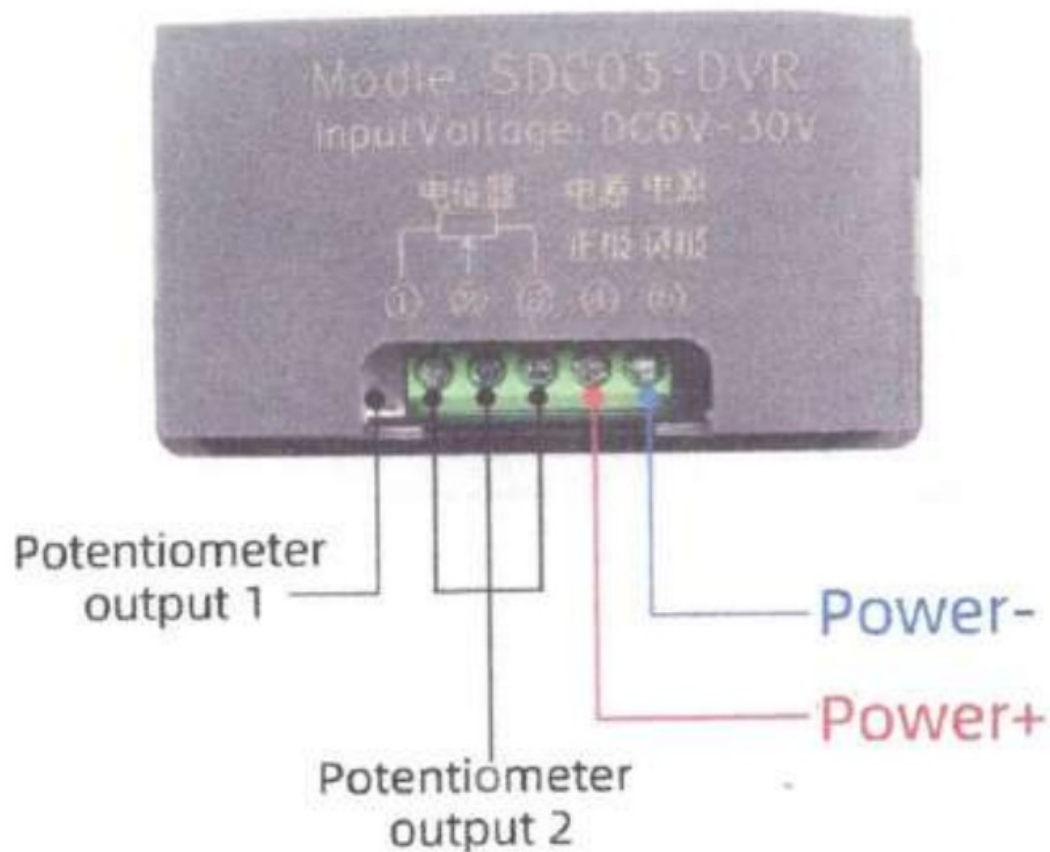
| Serial Number | Display Minimum Number | Display Maximum Number | Set Minimum Value |                                      | Set the Decimal Point D | C1o CO2 or C01 set C |
|---------------|------------------------|------------------------|-------------------|--------------------------------------|-------------------------|----------------------|
| 1             | 0000                   | 1000                   | 0000              | 1.0                                  | xxxx                    | C01                  |
| 2             | 0000                   | 640.0                  | CXX)Q             | Set the Magnification BMax5.0<br>3.2 | xxx.x                   | C02                  |
| 3             | 030.0                  | 080.0                  | 0300              | 0.5                                  | XXX.X                   | C01                  |
| 4             | -50.0                  | 050.0                  | 00                | 1 0                                  | xxx.x                   | C01                  |
| 5             | 0'1.00                 | 20.00                  | 0'100             | 16                                   | XX.XX                   | C01                  |
| 6             | 0000                   | 8000                   | (X)()Q            | 4.0                                  | xxxx                    | C02                  |
| 7             | 1000                   | 1000                   | 1000              | 2.0                                  | xxxx                    | co1                  |
| 8             | 00.00                  | 10.00                  | 0000              | 1.0                                  | xx.xx                   | C0I                  |
| 9             | 3000                   | 5000                   | 0300              | 02                                   | xxxx                    | (10                  |
| 10            | 00.00                  | 24.00                  | cooo              | 2.4                                  | xx.xx                   | rm                   |
| 11            | -1500                  | 1500                   | 150               | 0.3                                  | xxxx                    | (10                  |
| 12            | 1999                   | 2000                   | 1000              | 20                                   | xxxx                    | CO2                  |

## Attention

1. Standard potentiometer linear error of more than 5%
2. The display range ranges from -1 999 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.

## Documents / Resources



[Probots SD003-DVR Digital Display Potentiometer](#) [pdf] Owner's Manual  
SD003-DVR, SD003-DVR Digital Display Potentiometer, SD003-DVR, Digital Display Potentiometer, Display Potentiometer, Potentiometer

## References

- [User Manual](#)

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