

Guangzhou Meimotor Electronic Technology Co., Ltd.

Digital Display Potentiometer Product Manual

Model: SD003-DVR



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I .Disclaimer

All information contained in this manual is intended to be correct, but the information and data in this manual are subject to change without prior notice. Our company does not make any guarantee for the information or data in this manual. In addition, we do not accept any liability for any omission or error or consequential damages caused by the user. We reserve the right to make changes to product design, appearance, performance, application requirements and production, which may not be included in the manual.

Warning: The product installation or improper operation may cause injuries or product failure. Products must be installed in compliance with local and national safety regulations. Make sure the power supply is disconnected before attempting to service or remove any components! If the power disconnect point is out of sight, lock it in the disconnect position and label it to prevent accidental power-on. Only qualified electrician or maintenance personnel can perform any electrical troubleshooting or maintenance. Circuit continuity should not be checked by short terminating with a screwdriver or other metal device.

II. Product Picture:

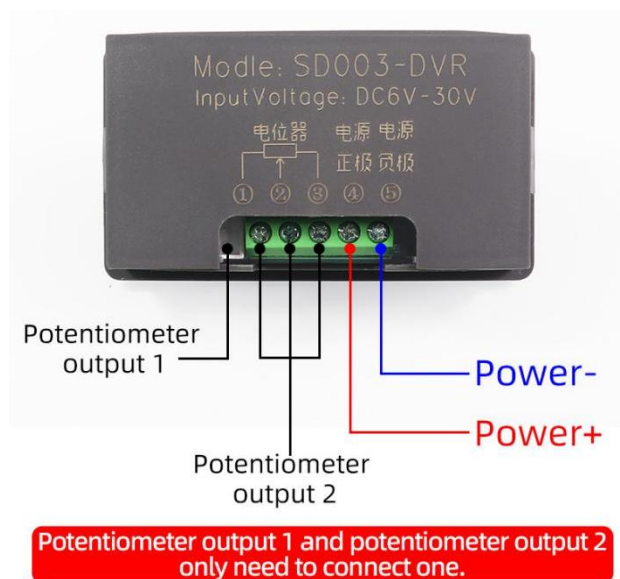


III. Product Parameter:

Tachometer Governor Series				
Product model	Supply voltage	Display mode	Potentiometer Power (W)	Product weight (g)
SD003-DVR-10K	DC 6V-30V	4-bit 0.56 red LED	2	60
SD003-DVR-10K	DC 6V-30V	4-bit 0.56 red LED	2	60
If you need other resistance values, please contact us before placing orders				

IV. Product Operation Guide

1. Wiring Diagram



2. Parameter Setting Instructions



Settings	Radius	Operation procedure
A Minimum parameter range	-1000~1000	①: Long press A key when the first flashing, 8888 ②: Press B key to adjust the value, 8888 ③: Press A key to switch the second, third, and fourth position, 8888 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, 8888 ②: Press A key to add 1 each time, adjust to the appropriate value, 8888 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, 8888 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, 8888 ②: Automatic storage after 2 seconds.

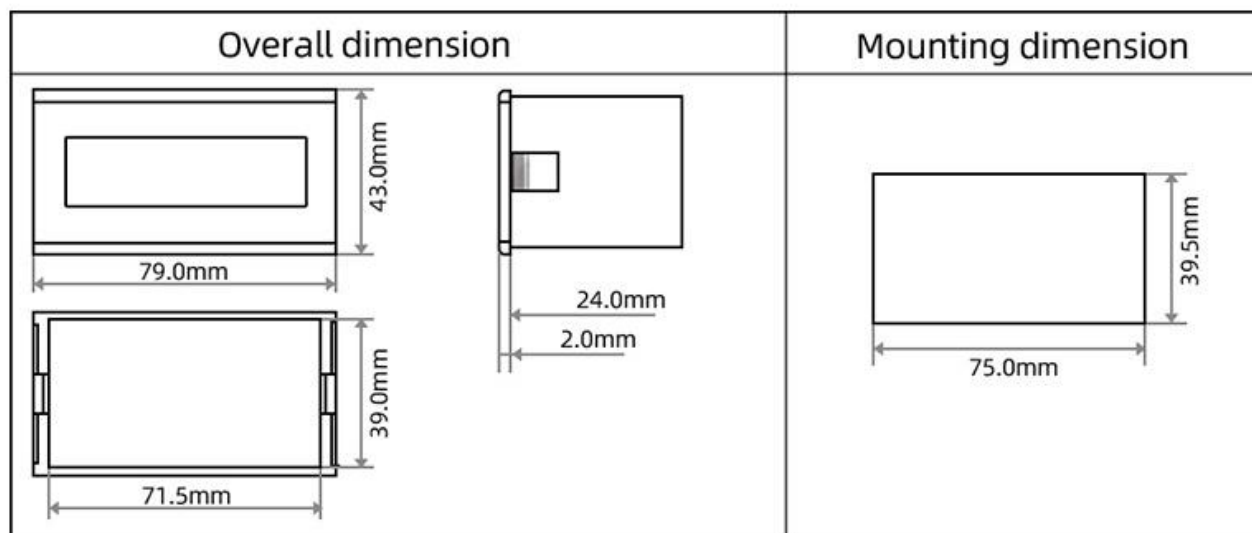
Reference table for parameter setting

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

3. Application Notices:

- The linear error of standard potentiometer is more than 5%.
- The display range ranges from -1999 to 9999.
- Show minimum values less than -1000 or greater than 1000 before considering C02 or C10.

V. Installation Dimensions



VI. Version Change Registration Form

Change Record			
NO.	Revision Date	Revised Content	Principal
1			
2			
3			
4			
5			
6			

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