



## DBL-4820R

数字型智能无刷电机驱动器

使用手册

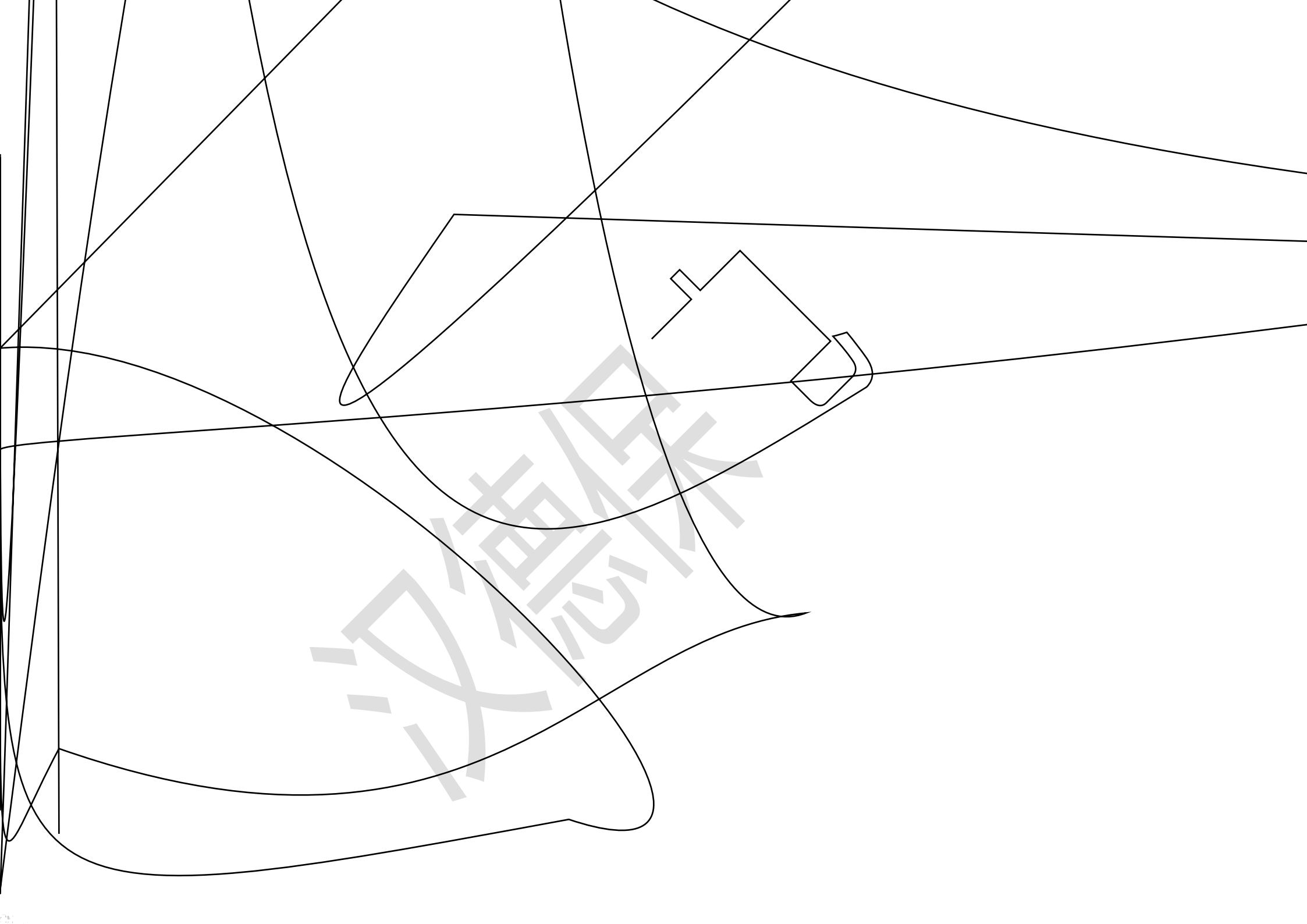
以匠心质造，驱动民族工业

■ 技术源自德国  
■ 驱动民族工业



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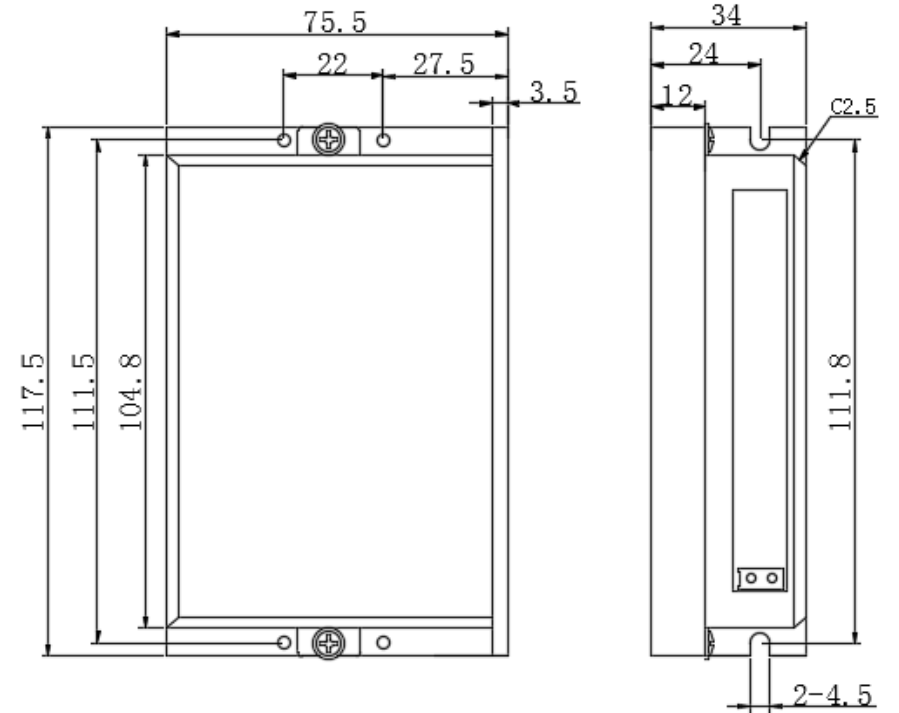
【使用前请仔细阅读本手册，以免损坏驱动器】



文德

	37	48	55	VDC
	-	-	10	A
		200	-	W
	0	-	30000	RPM
	-	5		V
	-	20	-	mA
	5	10	10	K
	-	37	-	VDC
	-	55	-	VDC

	-10	55
	40	90%RH
		1000m
	0.5G, 10hz	60hz( )
	-10	+70
		IP21
		0.25Kg



1  
2

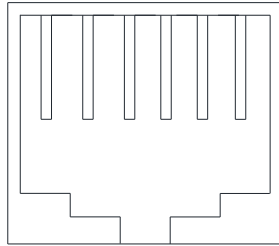
60

80

文德

4) RS232

RS232  
RJ12 6PIN



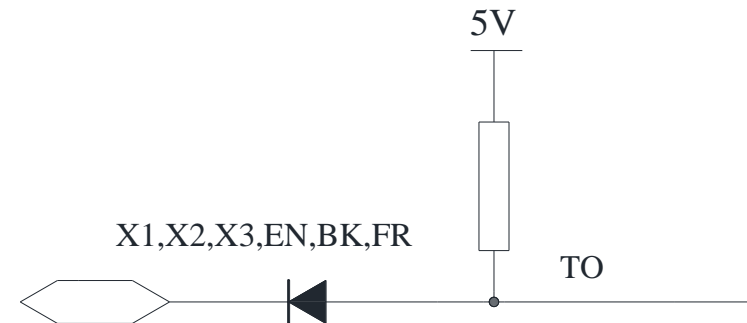
RJ12

1	<b>NC</b>	
2	<b>TXD</b>	MCU
3	<b>VCC</b>	5V
4	<b>RXD</b>	MCU
5	<b>GND</b>	
6	<b>NC</b>	

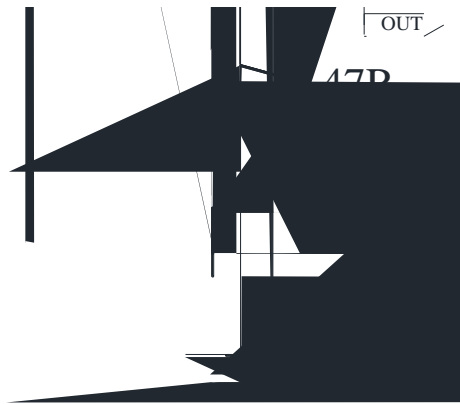
	LED		
1			
2			
3			
4			
5			
6			
7			

5) LED

1 X1,X2,X3,EN,BK,FR



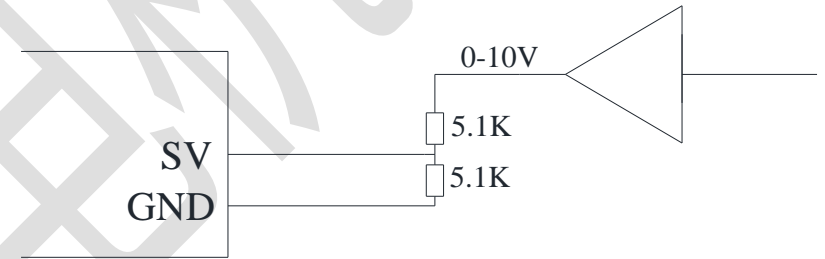
2 PG ALM



5K-10K

5V LED

2 0-10V



SV /PWM

SV

PWM

BLDC\_2

SV

5V

0-10V

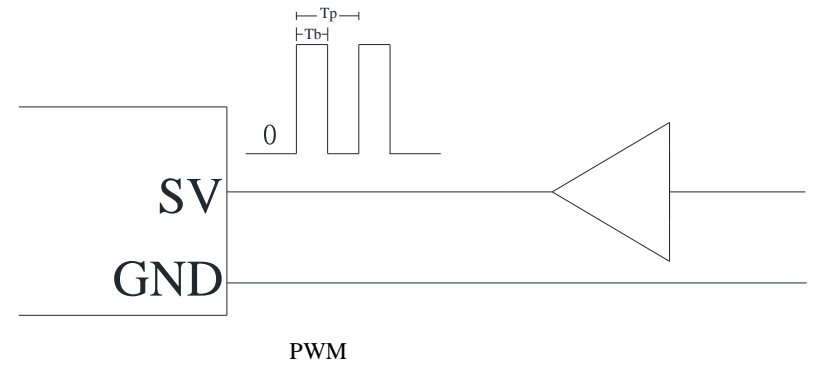
5V

5V

1



3 SV PWM



PWM SV PWM PWM 5V 1 1  
 PWM PWM PWM X1 X2 X3 GND 8 8  
 PWM PWM 0 100% , PWM  
 1KHz-20KHz PWM PWM  
 2KHz  
**FR**  
 FR FR  
 0 0  
**EN**  
 EN EN EN  
 GND GND  
**BK**  
 BK GND  
 BK GND  
**X1,X2,X3**  
 1 2 1 2

X1--GND	X2--GND	X3--GND		
			0	
			1	
			2	
			3	
			4	
			5	
			6	
			7	

1 X1 X2 X3  
 2 2  
 X1 X2 X3  
 X1 0  
 X2 1  
 X3 2  
 X1 X2 X3 X1>X2>X3,  
 X1 X2 0 X2 X3 1  
 X1 X2 X3 3

X1--GND	X2--GND	X3--GND		
	X	X	0	
		X	1	
			2	
			3	

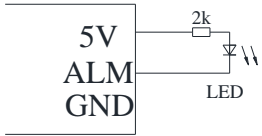
2 X1 X2 X3



**ALM**

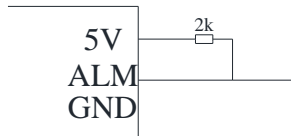
ALM

50mA ,



LED

ALM



Speaker

**PG**

PG

5V PG

2K-10K

PG

= 3 \*

6

12

PG

RPM = 20 × PG /

4

DBL-4820R



X3

( EN

:

EN

EN

EN

BLDC

PWM

