

Motor wires connection :

1. Red : 12V / 24V +
2. Black : GND
3. Yellow : FG signal output, 9 PPR
4. White : PWM speed adjusting, 15 to 25K Hz, (connect GND together with black wire, when not need to adjust speed)
5. Orange : motor rotation CW / CCW adjusting, over current protection (0.8 A)

NO.	信号 SIGNAL	I/O	规格 SPECIFICATIONS	备注 NOTE
1	Vm (red wire)	I/N	DC 12V / 24V	POWER
2	FG (yellow wire)			
	VOH	OUT	6.0V Max	Hall Signal Pulse Outputs
	VOL		0.5V Max	
	FG Singnal Current		2mA	
	pulse Outputs of Rotation		9 PPR	
3	CW/CCW 控制 (orange wire)			
	CW/CCW Control (orange wire)			
	输入电压范围 Input voltage Rotaion	IN	0~5V	High---motor CCW Low---motor CW
	VIH		2.0V Min.or	
VIL	0.5V Max			
4	GND (black wire)	OUT	Power Ground	Power Ground
5	PWM 控制 (white wire)			
	PWM Control 60K MAX Typical(15K-25K)			
	输入电压范围 Input Voltage Range	IN	0~5v (15K-25K)	High-motor OFF Low-motor ON
	VIH		2.0V Min.or open	
VIL	0.5V Max			

Note : The motor will be damaged if the wires connected incorrect.