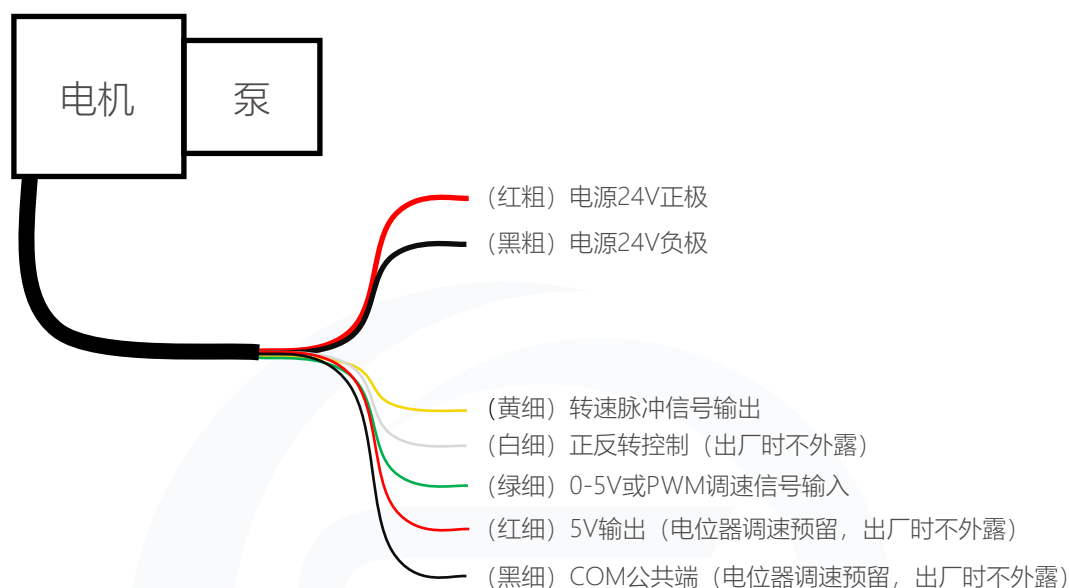


LG8058 24V-150w 屏蔽式直流无刷电机说明



(该电机为直流无刷电机, 输入电压24V, 额定功率150W, 内置驱动器)

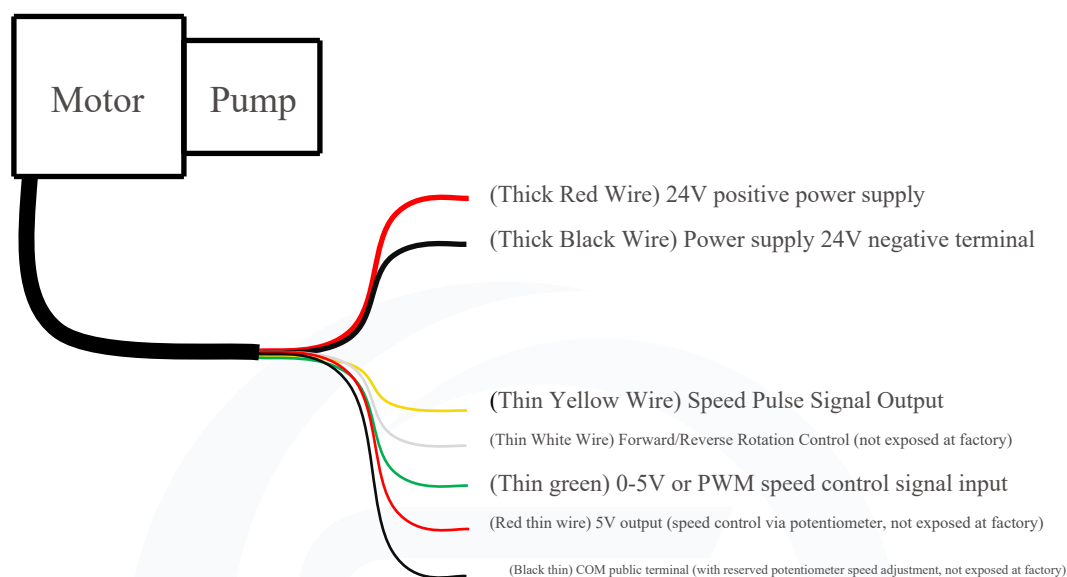
接线

- 红色粗线: 电源24V正极输入
- 黑色粗线: COM公共端
(电源24V负极;
0-5V或PWM信号的负极;
转速脉冲信号的负极;
正反转控制线的负极)
- 黄色细线: 转速脉冲信号输出 (每转2个脉冲)
- 绿色细线: 0-5V或PWM转速调节信号输入
- 白色细线: 正反转控制线, 悬空时泵正转; 与黑色线连接时泵反转
- 红色细线: 5V输出 (电位器调速预留, 悬空不接)
- 黑色细线: COM公共端 (同黑色粗线, 电位器调速预留, 悬空不接)

注意

- 绿色细线为转速调节信号输入, 输入电压不得高于5V, 否则会导致驱动器故障;
- 黄色细线为转速脉冲信号输出, 不可以接任何输入, 否则会导致转速反馈功能故障;
- 当不是用电位器调速时, 请将红色细线与黑色细线做好绝缘隔离, 以免误接导致故障;
- 驱动器带有过流保护功能、过温保护功能, 触发保护时电机将停机, 排除故障后需断电重启以解除保护。

LG8058 24V-150W Shielded DC Brushless Motor Instructions



(The Motor is a DC brushless motor, Input Voltage 24V, Rated Power 150W, Built-in driver)



Wiring:

- Thick Red Wire: 24V positive power input
- Thick Black Wire: COM common terminal (power 24V negative;
The negative terminal of a 0-5V or PWM signal;
The negative pole of the rotational speed pulse signal;
Forward/Reverse Control Wire's negative pole)
- Thin Yellow Wire: Speed Pulse Signal Output (2 pulses per revolution)
- Green fine line: 0-5V or PWM speed control signal input
- Thin White Wire: Forward/Reverse Control Wire, Left open / Open circuit when the pump is Forward Rotation; when connected to the black wire, the pump is Reverse Rotation
- Red fine line: 5V output (reserved for potentiometer speed adjustment, Left open / Open circuit not connected)
- Black fine wire: COM common terminal (same as Thick Black Wire, reserved for potentiometer speed adjustment, Left open / Open circuit not connected)



Notes:

- The green fine line is the speed regulation signal input, and the Input Voltage must not exceed 5V, otherwise it will cause Driver failure.
- Thin Yellow Wire is Speed Pulse Signal Output, which cannot be connected to any input, otherwise it will cause Function malfunction of speed feedback;
- When not using a potentiometer for speed adjustment, ensure the red and black wires are properly insulated to prevent accidental connections that could cause malfunctions.
- Driver has Over-current Protection and Over-temperature Protection functions. When Protection is triggered, the Motor will stop. After Fault is resolved, Power must be cycled OFF and ON to release the protection.



suofu
Shanghai Super Fluid Co., Ltd.

R&D & Sales Center: Room 602, 18 Feet Building, No.597 Lanco Road, Putuo District, Shanghai, China

Production Base:., Building 10, Zhongguancun Science Park, No.9 Yingbin Avenue, Qiujiang Street, Shaxian District, Sanming City, Fujian Province Website: www.s-fluid.com

Phone: +86-13764319509

E-mail: lqx@s-fluid.com