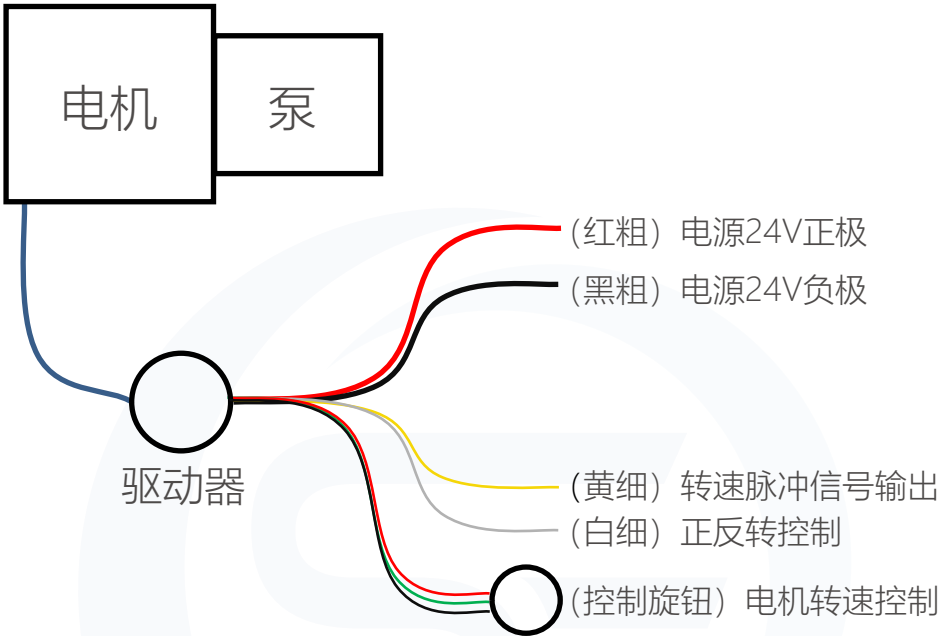


LG64-42 24V-40W外置驱动直流无刷电机说明（旋钮调速）



(该电机为直流无刷电机，输入电压24V，额定功率40W，外置驱动器)

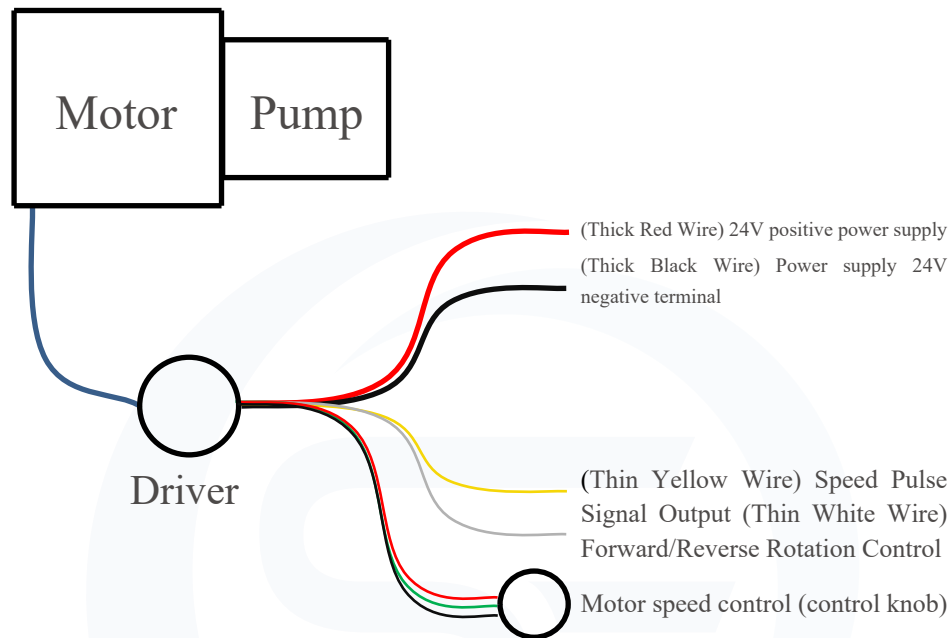
接线

- 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）
- 白色细线：正反转控制线，与黑色线连接时泵反转
- 调速旋钮：电机转速控制（无旋向要求时，出厂默认逆时针增速，顺时针减速）

注意

- 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；
- 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。

LG64-42 24V-40W external drive DC brushless motor Instructions (Knob Speed Regulation)



(The Motor is a DC brushless motor, Input Voltage 24V, Rated Power 40W, external Driver)



Wiring:

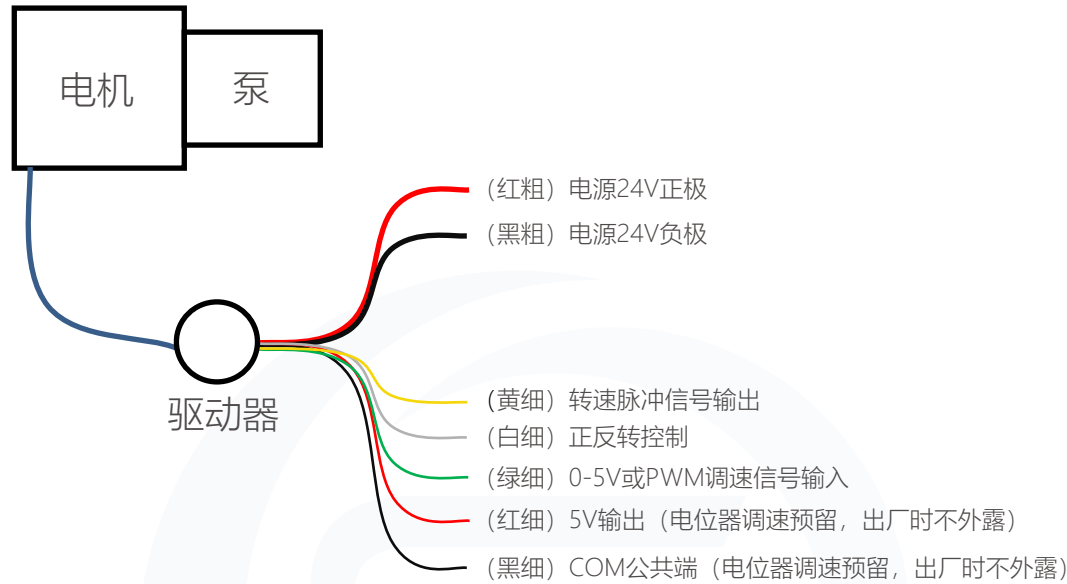
- Thick Red Wire: 24V positive power input
- Thick Black Wire: COM common terminal (power 24V negative;
The negative terminal of a 0-5V or PWM signal;
The negative pole of the rotational speed pulse signal;
Forward/Reverse Control Wire's negative pole)
- Thin Yellow Wire: Speed Pulse Signal Output (2 pulses per revolution)
- Thin White Wire: Forward/Reverse Control Wire, when connected to the black wire, the pump Reverse Rotation
- Speed Regulation Knob: Motor speed control (when no direction is required, Factory default increases counterclockwise and decreases clockwise)



Notes:

- Thin Yellow Wire is Speed Pulse Signal Output and cannot be connected to any input, otherwise it will cause Function malfunction of speed feedback; Driver has Over-current Protection function and Over-temperature Protection function. When Protection is triggered, Motor will stop. After Fault is resolved, Power must be cycled OFF and ON to release the protection.

LG64-42 24V-40W外置驱动直流无刷电机说明



(该电机为直流无刷电机, 输入电压24V, 额定功率40W, 外置驱动器)

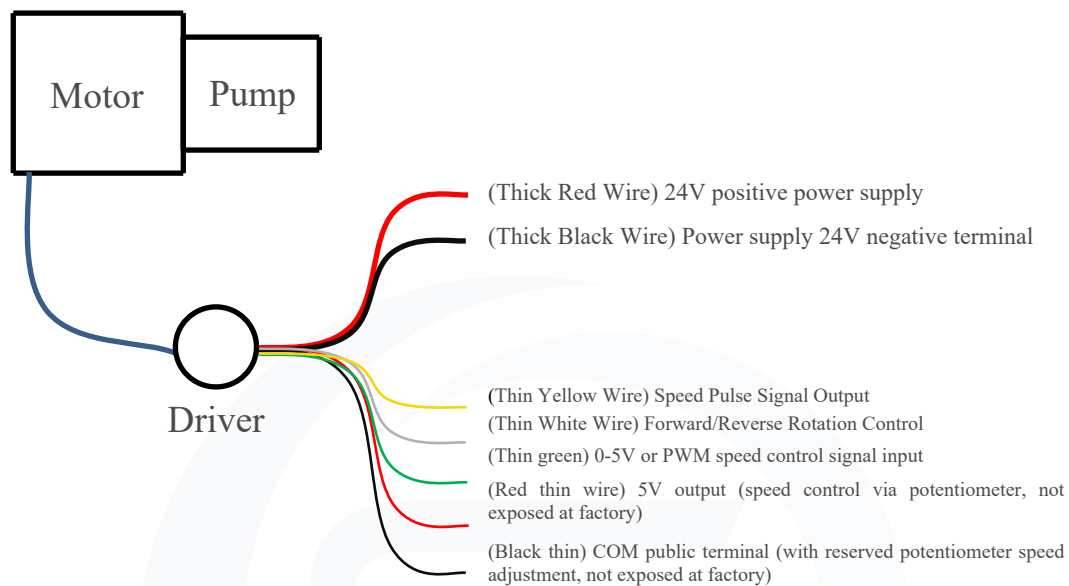
接线

- 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, 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。

LG64-42 24V-40W External Drive DC Brushless Motor Instructions



(The Motor is a DC brushless motor, Input Voltage 24V, Rated Power 40W, external Driver)



Wiring:

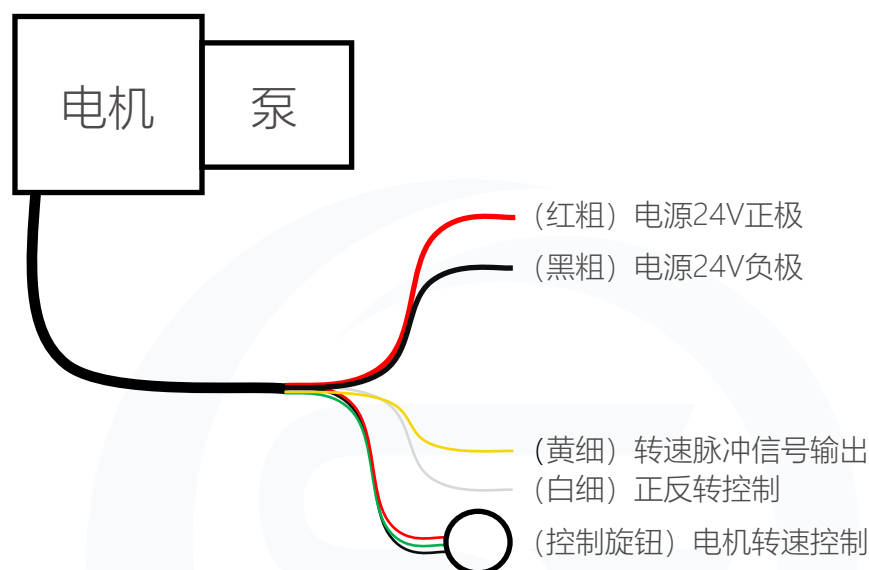
- Thick Red Wire: 24V positive power input
- Thick Black Wire: COM common terminal (power 24V negative;
The negative terminal of a 0-5V or PWM signal;
The negative pole of the rotational speed pulse signal;
Forward/Reverse Control Wire's negative pole)
- Thin Yellow Wire: Speed Pulse Signal Output (2 pulses per revolution)
- Green fine line: 0-5V or PWM speed control signal input
- Thin White Wire: Forward/Reverse Control Wire, when connected to the black wire, the pump 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.

LG6442 24V-40W无刷直流电机说明（旋钮调速）



(该电机为直流无刷电机，输入电压24V，额定功率40W，内置驱动器)

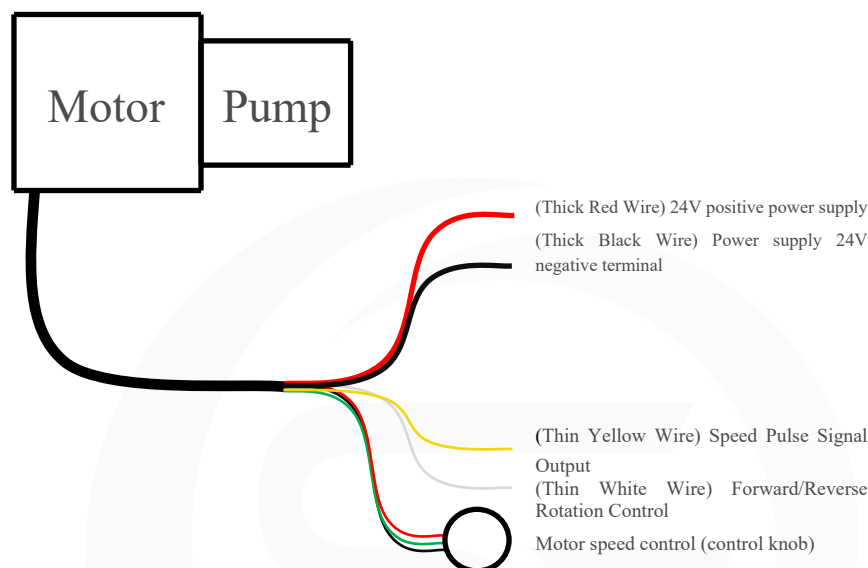
接线

- 红色粗线：电源24V正极输入
- 黑色粗线：COM公共端
(电源24V负极；
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）
- 白色细线：正反转控制线，与黑色线连接时泵反转
- 调速旋钮：电机转速控制（无旋向要求时，出厂默认逆时针增速，顺时针减速）

注意

- 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；
- 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。

LG6442 24V-40W Brushless DC Motor (BLDC Motor) Instructions (Knob Speed Regulation)



(The Motor is a DC brushless motor, Input Voltage 24V, Rated Power 40W, Built-in driver)



Wiring:

- Thick Red Wire: 24V positive power input
- Thick Black Wire: COM common terminal (power 24V negative;
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)
- Thin White Wire: Forward/Reverse Control Wire, when connected to the black wire, the pump Reverse Rotation
- Speed Regulation Knob: Motor speed control (when no direction is required, Factory default increases counterclockwise and decreases clockwise)



Notes:

- Thin Yellow Wire is Speed Pulse Signal Output, which cannot be connected to any input, otherwise it will cause Function malfunction of speed feedback;
- 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 Lanciao Road, Putuo District, Shanghai, China

Production Base:

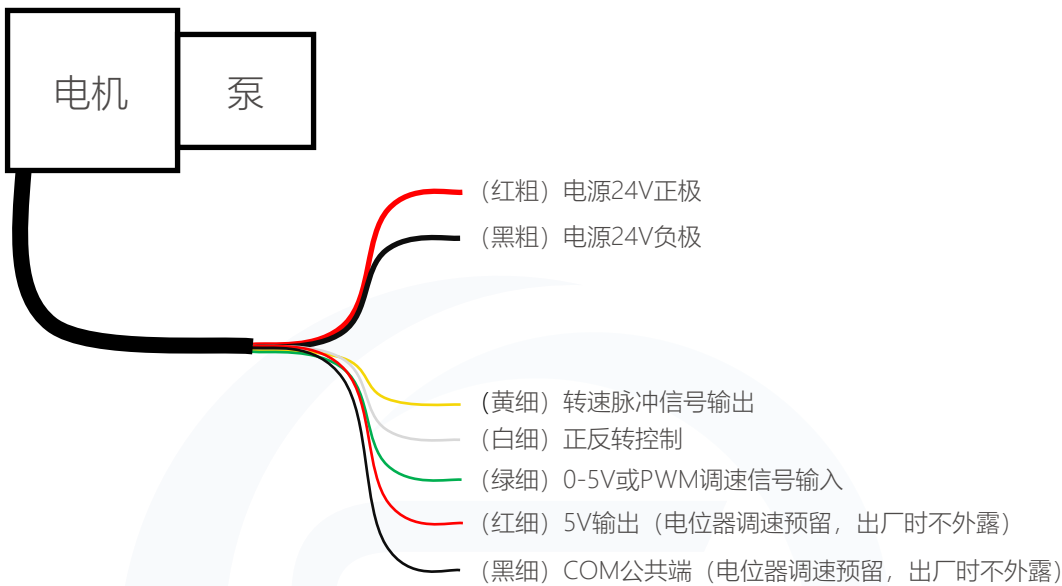
Building 10, Sanming Zhongguancun Science and Technology Park, No.9 Yingbin Avenue, Qiujiang Street, Shaxian District, Sanming City, Fujian Province

Website: www.s-fluid.com

Phone: +86-13764319509 E-mail: lqx@s-fluid.com

s-fluid.com

LG64-42 24V-40W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40W, 内置驱动器)

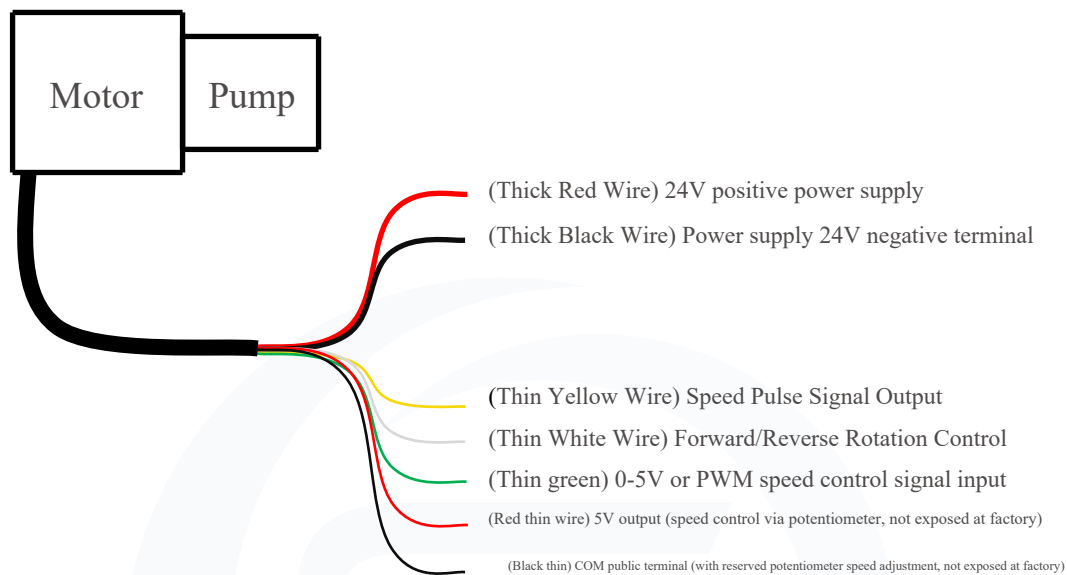
接线

- 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, 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。

LG64-42 24V-40W DC brushless motor Instructions



(The Motor is a DC brushless motor, Input Voltage 24V, Rated Power 40W, 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, when connected to the black wire, the pump 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.