Manual Control Stepper Motor

https://www.amazon.com/STEPPERONLINE-1-0-4-2A-20-50VDC-Micro-step-Resolutions/dp/B06Y5VPSFN/
ref=asc_df_B06Y5VPSFN/?tag=hyprod-
20&linkCode=df0&hvadid=242022044358&hvpos=&hvnetw=g&hvrand=3156898083381356643&hvpone=&hvptwo=&hvqmt
=&hvdev=c&hvdvcmdl=&hvlocint=&hvlocphy=9031968&hvtargid=pla-588890261232&psc=1

**DC 5-12V/15-160V Stepper Motor
Drive,PWM Adjustable Stepper Motor
Controller Signal Generator Speed
Regulator**

Power supply: 15-160VDC or 5-12VDC. If you are using 5-12VDC
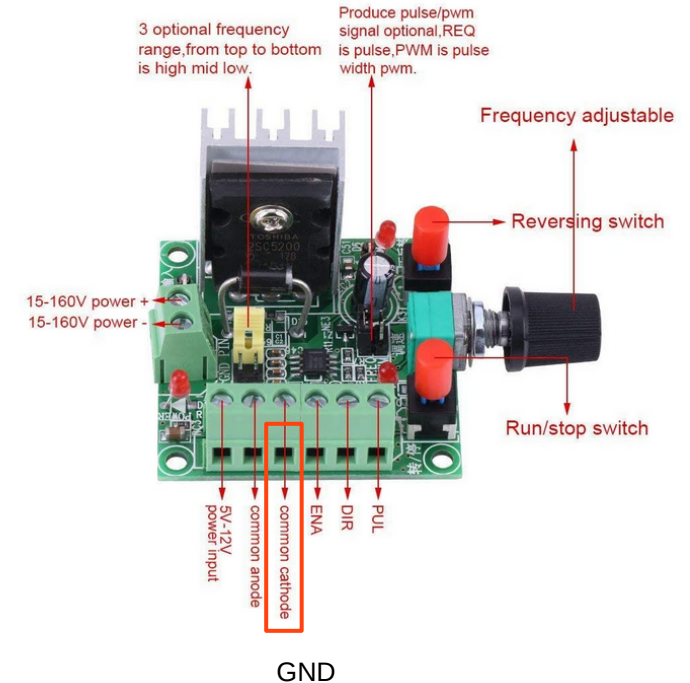power, positive end connect DC 5-12V Input, negative end connect
Common Cathode End.
3 Frequency: High: 5.8KHZ-127KHZ, Mid: 590HZ-15.8KHZ, Low:
82HZ-2.3KHZ
To control the stepper motor, mus connect to the driver
PUL + and PUL- pulsed positive and negative; EN + and EN- is to
enable the positive and negative terminals; DIR + and DIR- are the
positive and negative directions.
Frequency of measurement can amount PUL and common cathode
terminal (GND) two ports.

Videos:
https://www.amazon.com/dp/B07HNSVMVH?psc=1&smid=A1XXTN
ZI53GFRR&ref_=chk_typ_imgToDp

3 optional frequency range,from top to bottom is high mid low.

Produce pulse/pwm signal optional,REQ is pulse,PWM is pulse width pwm.

Frequency adjustable

Reversing switch

Run/stop switch

15-160V power +
15-160V power -

5V-12V power input

common anode

common cathode

ENA

DIR

PUL

GND

Harry Li, Ph.D.

PWM Drives Stepper Motor

https://www.amazon.com/STEPPERONLINE-1-0-4-2A-20-50VDC-Micro-step-Resolutions/dp/B06Y5VPSFN/ref=asc_df_B06Y5VPSFN/?tag=hyprod-20&linkCode=df0&hvadid=242022044358&hvpos=&hvnetw=g&hvrand=3156898083381356643&hvpone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmdl=&hvlocint=&hvlocphy=9031968&hvtargid=pla-588890261232&psc=1

STEPPERONLINE CNC Stepper Motor Driver 1.0-4.2A 20-50VDC 1/128 Micro-Step Resolutions for Nema 17 and 23 Stepper Motor

About this item

Stepper motor driver DM542T is updated to version V4.0, The old and new version are subject to shipment.
Industrial-grade Stepper Driver, Suit for Nema 17 and 23 Stepper Motor
1.0~4.2A, 20~50VDC, 1/128 Microstep Resolution
Pulse signal: 4-5V when PUL-HIGH, 0-0.5V whenPUL-LOW. The same as DIR and ENA signals

Harry Li, Ph.D.

TB6600 4.5A CNC Single-Axis For LDR-40B

Stepper Motor Controller 1   15 USD

https://www.amazon.com/gp/product/B01DIK5IRI/ref=oh_aui_detailpage_o02_s00?ie=UTF8&psc=1

PWM = PUL

Harry Li, Ph.D.