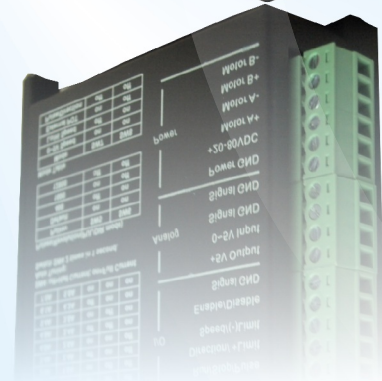


DM805-AI

Digital Drive with Analog Input

Multi-choice
for Stepper System

NEW!
DM805-AI
Analog Input, Internal
Oscillator, Pulse&Dir...



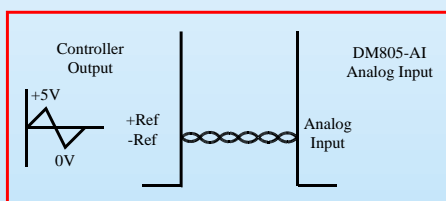
Shining Features

DM805-AI

Multi-function Drive

- Analog signal (0-5V) acceptable
- Pulse & Dir signals acceptable
- Internal step generator make an ideal of no-controller system
- Built-in +5V output for an analog control and testing
- Built-in potentiometers for speed, acceleration and deceleration adjusting
- Multi-step function
- Limit signal input for safe operation
- Anti-resonance and low-speed ripple smoothing

Analog Signal Input



DM805-AI accepts external analog input(0-5V)signals. The drive also provides a +5V output for a quickly analog control. It is very ease of use. Built-in potentiometers so that speed and acceleration also can be set on the board. This reduces costs in the external installations and reduces the Possibilities of errors. Limit input signals make the system for a safe operation.

Internal Oscillator



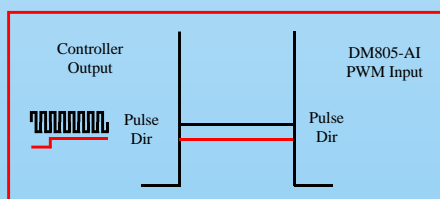
Motion Controller



PLC

This makes the DM805-AI possible to operate it directly without connected to a axis control board or a PLC dependant on the actual job. Built-in potentiometers so that speed and acceleration also can be set on the board. This reduces costs in the external installations and reduces the Possibilities of errors. Speed and direction change are dependant on the special input signals. Input signals for Start/Stop, CCW/CW and High/Low speed control. Basically, the operation could be done completely without any external input.

Pulse & Dir Signal Input



DM805-AI as a fully digital stepper drive can accept external pulse signals. The unique features of the digital stepper drive make it ideal for applications desired for low noise, high smoothness, high precision and high speed performance.

Other Specification

DIP switch change of modes gives more safe set-up and fewer errors. LED indication for power and error. Secured against overload short circuit between phases. Automatic reduction of the standby current. Multi-stepper function allows a low resolution step input to produce a higher microstep output for smooth system performance.

Industry Applications

This drive is suitable for the application which needs to adjust the velocity via the potentiometer or analog 0-5V command. It can work with the NEMA17/23/34 stepper motor to replace the brushless motor with gearbox due to its high torque and less motor noise at low speed. If necessary, it can be used in various kinds of machines, such as rotary heat exchange, conveyor belts, transport vehicle, laser cutters, laser markers, high precision X-Y tables, labeling machines, and so on.