KOLLMORGEN®

Big Performance, Micro Package.

Introducing the New Kollmorgen P5000 Stepper Drive.

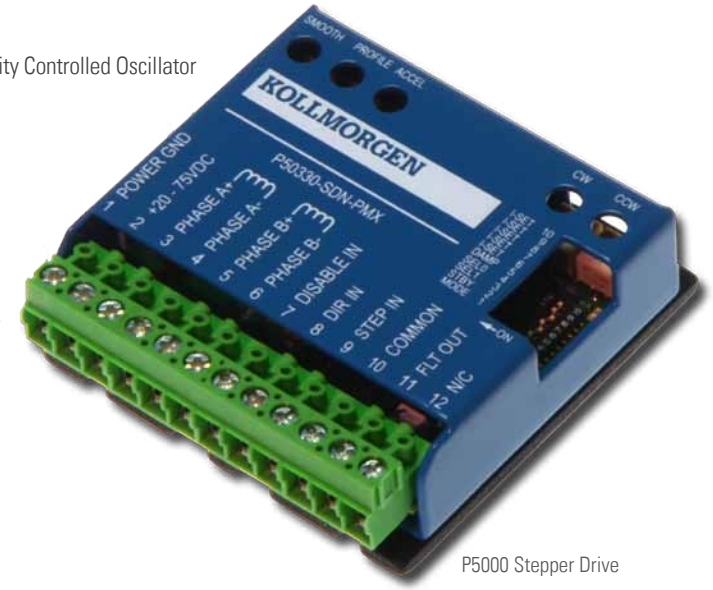
The P5000 is a compact micro-stepping stepper drive optimized for high system performance with Kollmorgen's industry leading POWERMAX II stepper motors. It is an impressive yet simple addition to the Kollmorgen stepper drive family.

Optimized. Smooth. Compact.

Pairing a stepper system doesn't get any easier! The P5000 and Kollmorgen stepper motors are meant to be together. With easy access smoothing and profile potentiometers for optimized performance.

Features

- Current output from 0.7-3.5 A peak; DIP switch selectable in 0.2 Amp increments
- Bus Voltage 20-75 Vdc
- Wave matching via potentiometers for Kollmorgen motors to provide optimal performance for the Kollmorgen Stepper Motor Families.
- All Inputs and Outputs are Optically Isolated
- Command Source from External Step and Direction Inputs or Internal Velocity Controlled Oscillator (VCO); DIP switch selectable
- External Single-Ended Step and Direction Command
  - Disable Input
  - Fault or Enable Output
- VCO Mode
  - VCO allows for velocity control via 2 seperate potentiometers for CW and CCW rotation and a third potentiometer for acceleration.
  - CW Jog Input
  - CCW Jog Input
  - Run/Stop Input
  - Run/Stop Output
  - CW Speed trimpot
  - CCW Speed trimpot
  - Accel/Decel trimpot
- Pulse Multiplier smooths micro-stepping*
- Idle Current Reduction; DIP switch selectable
- Compensation for mid-range instability*
- RoHS & CE certified
- UL pending



P5000 Stepper Drive
(Shown Actual Size)

*Patents Pending

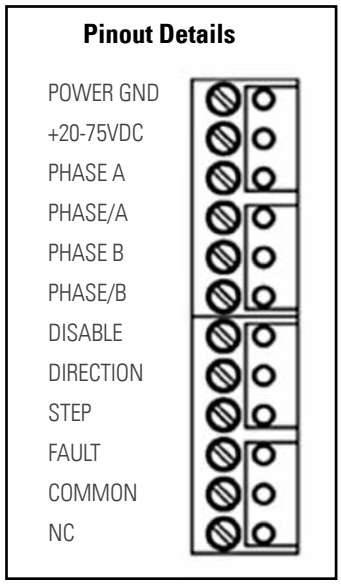
P5000 Model Number and Dimensions

P5 03 3 0 - SD N - PMX

- P5000 Series
- Current Rating
  03 = 2.5 Arms continuous, 3.5 A peak*
- Voltage Range
  3 = 20 - 75 Vdc
- Electrical Options
  0 = None
- Functionality
  SD = Step/Direction, Internal VCO
- Feedback Device
  N = None
- Customization
  PMX = Optimized for POWERMAX

*Note: Switch selectable in 0.2 Amp increments, 0.7 - 3.5 A

Pinout Details



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