

## HIGH PERFORMANCE MICROSTEPPING DRIVER MODEL P403

- High performance microstepping driver suitable for 2-phase and 4-phase hybrid steppers
- Advanced bipolar constant-current chopper circuit with current control technology
- Suited to motion control applications requiring low noise, low vibration, high speed and high precision.
- Supply voltage to +40Vdc, current to 3.5A
- Inaudible 20khz chopping frequency
- TTL compatible and optically isolated input signals
- > Automatic idle current reduction
- Mixed-decay current control for reduced motor heating
- > 14 selectable step resolutions in decimal and binary
- Microstepping to 51,200 steps/revolution
- Suitable for 4, 6 or 8 lead wire motors
- Overcurrent, overvoltage and short circuit protected
- Compact size



## P403 Specification

## **Electrical**

Drive current: Supply voltage: Step control: Control inputs: Pulse signal: Direction signal: Enable signal: Logic signals:

## <u>Mechanical</u>

Material: Mounting: Dimensions (WxHxD): Mass: Adjustable from 1.3A to 3.5A Input voltage from +24V to +40Vdc Half step or microstepping Connections for pulse, direction and enable signals Speed control to maximum frequency 300kHz Clockwise or counter-clockwise rotation Driver enable or disable Current from 6mA to 30mA

Black coated aluminium with integral heatsink Free standing or via mounting holes 45 x 132 x 76 mm 0.355kg