

OE0220 2 相混合式步进电机驱动器

OE0220 2 Phase Stepper Motor Driver <Suit for NEMA8-NEMA17 Stepper Motor>

概述 Descriptions

OE0220 步进电机细分驱动器是一款高性价比的两相步进电机驱动器，最大可提供 2.0A 的电流输出，直流电源输入。本款驱动器采用先进的纯正弦波电流控制技术，具有大扭矩，低噪声，低振动等特点，适用于尺寸为 28, 35, 39, 42 等各类 2 相或 4 相混合式步进电机。

OE0220 is a type of 2 phase hybrid Stepper motor driver . this driver input DC 12-DC36 Voltage. This kind of drive with advanced pure sine wave current control technology, with large torque, low noise, low vibration and other characteristics, is suitable for the size of 20, 28,35,39,42 and other kinds of phase 2 or 4 phase hybrid stepping motors.

特点 Features

*平均电流控制，两相正弦电流输出

*直流 12~36V,交流 12~24V 供电

*光电隔离信号输入、输出

*有过压、欠压、过流、相间短路保护功能

*八档细分和自动半流功能

*八档输出相电流设置

*可驱动任何 2.0A 相电流以下两相、四相混合式步进电机

*20KHz 斩波频率

*Average current control,2 phase sinusoidal output current drive

*supply voltage from 12VDC~36VDC and 12VAC~24VAC

*Opto-isolated signal I/O

*Overvoltage, under voltage,overcurrent,phase short circuit protection

*8 channels subdivision and automatic idle-current reduction

*8 channels output phase current setting

* Can drive 2 phase and 4phase hybrid stepper motor when phase current less than 2.0A

*20KHz PMW.

性能指标

输入电压 直流 12~36V

输出电流 0.3A~2.0A

温 度 工作温度-10°~45°，存放温度-20°~125°

环境湿度 不凝露，不结霜

气 体 禁止有可燃气体和导电灰尘

重 量 180 克

Mechanical Specification

Input Voltage 12~36V DC, 12~24V AC

Output current 0.3A~2.0A

Temperature working temperature -10°~45°, stocking temperature ~20°~70°

Humidity Not condensation , no water droplets

Gas Prohibition of combustible gases and conductive dust

Weight 180g

拨码开关 Switch Choice:

1、细分选择 Microstepping choice:

SW5	On	Off	On	Off	On	Off	On	Off
SW6	On	On	Off	Off	On	On	Off	Off
SW7	On	On	On	On	Off	off	Off	Off
Micro	1	2	4	8	16	32	64	128

2、电流选择 Current choice:

SW1	On	Off	On	Off	On	Off	On	Off
SW2	On	On	Off	Off	On	On	Off	Off

SW3	On	On	On	On	Off	Off	off	Off
Current (A)	0.3	0.4	0.5	0.6	1.0	1.2	1.5	2.0

3、安装尺寸 installation dimension

