

模块式驱动器 SMB9508-1

供电电压:70-190VDC

额定电流:4A 峰值电流:8A

输入信号:脉冲和方向控制位置环,+/-10V(可达 16 位的精度)模拟量控制速度环,测速机和力矩环;可接收测速机,电机温度,编码器,霍尔传感器反馈信号;

正负极限,使能和两个可定义的输入信号,复位输入信号。

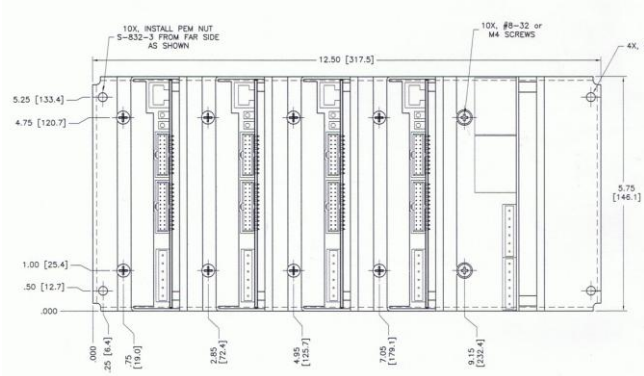
输出信号: 2 路 +/-10V 模拟量输出用于检测 DSP 的信号,如电流,电压,温度,速度,力矩等;编码器信号输出给上位控制器或其它检测和跟随轴驱动器;报警输出。

通讯: RS-232 通讯口,115.2Kbaud,8Bits,来完成所有的参数设置及 PID 调整。

可驱动的电机:30W-400W 直流有刷伺服电机,无刷伺服电机,音圈电机

外形尺寸:长 112.7mm,宽 43.7mm,高 146.1mm,两个安装孔间距 95.3mm

多轴式



SMB9508-1 可装在 2 轴,3 轴或 4 轴
的电源模块底座上,适合于多轴应用,可
提供单相或三相 110VAC 或 220VAC 供
电的电源模块。

SMB9508 目标市场:拉单晶设备,三坐标测量机,雕刻机,电子测量设备,车载设备,军事装备,机器人,点胶机,半导体设备,喷绘机,其它小型加工设备及通用自动化设备。

Glentek's New SMB9508 Alpha Series Servos Amplifiers

Precision high bandwidth all digital servo amplifiers designed to compliment Glentek's Nema 23 & 34 and other small brush, voice coil or brushless instrument servo motors.

Typical applications are medical, high speed semiconductor positioning, packaging machines, and machine tools, etc.

Provides industry's most cost effective and reliable motion control systems.

- Position mode: Pulse and Direction for stepper applications

Click "[Application Guide](#)" for additional data.

- High resolution: 16 bit resolution for analog velocity, DC tacho and current command.

An optional feature

- Digitally tuned: All parameters set digitally. No potentiometers to adjust.

RS-232 high speed serial communication interface for all gain and PID tuning parameters.

- High frequency PWM: 50KHz for smaller, low inductance, high response voice coil, brush and brushless motors.

- Fault protection: Short from output to output, short from output to ground, amplifier RMS over current, amplifier under/over voltage, amplifier over temperature, motor over temperature.

- Non-volatile memory: All parameters are stored in non-volatile memory for reliable start up.

- Inputs: +/- position limits, inhibit, fault, motor over temp, reset signal, and +/-10V analog inputs.

- Outputs: Fault signal, and encoder output.

- Analog output: Software selectable and scalable +/- 10V analog output signal for motor

An optional feature current, velocity, and commanded phase current, etc.

- Sinusoidal commutation: For the ultimate in efficiency and smooth motion.

- Wide operating voltage: Amplifier module requires only one unregulated DC BUS voltage, ranging from 70 to 170VDC.

- Compact design: 5-3/4 in X 11-3/4 in baseplate - 4 axis including DC power supply.

