



I-8091W

I-8091W 2-axis Stepping/Servo Motor Control Card

Introduction

I-8091W stepping motor control card is a micro-computer controlled, 2-axis pulse generation card. It includes a 2K bytes FIFO to receive motion command from host. A micro-computer for profile generation and protection, 2-axis DDA chip to execute DDA function when interpolation command is used, 2500Vrms optical isolation inserted for industrial application.



Specifications

Motor control output	
Output Axis	2-axis
Maximum pulse rate	1Mpps
Output pulse mode	1. CW/CCW 2. Pulse/Direction
Maximum step counts	2 ³² -1 steps
Limit switches	3 optical isolated inputs per axis
Interpolation command	2-axis linear, 2-axis circular
Intra-module isolation, Field to Logic	2500 Vrms
4KV ESD Protection	Contact for each channel
LED Display	
1 LED as Power Indicator	
7 LED as Status Indicator	
Power	
Power Consumption	3.9 W Max
Environment	
Operating Temperature	-25 to 75 °C
Storage Temperature	-30 to 75 °C
Humidity	5 to 95%, Non-condensing
Dimensions	
30 x 102 x 115 (W x D x H)	

Ordering information

I-8091W	2-axis Stepping/Servo motor Control Module
Standard Pack	I-8091 x 1, User's Manual x1, CA-PC25M x 1