I-8090W

I-8090W
3-axis Encoder Module

Introduction

I-8090W is a 3-axis encoder counter board.I-8090W encoder card has internal digital filter, 16 bits counter and high counting rate 1Mpps. The application of I-8090W is position/distance measurement, velocity measurement, feedback for motor control, hand wheel input and so on. A system including, I-8091W,I-8090W can be implemented as a standalone motion controller system for low cost automatically machine.

Specifications

Encoder Input	
Input Axis	3-axis
Encoder counter	16-bit (32-bit encoder counter by software)
Counting Mode	1. Quadrant Counting 2. CW/CCW 3. Pulse/Dir
Maximum counting rate	1 MHz
Intra-module isolation, Field to Logic	2500 Vrms
4KV ESD Protection	Contact for each channel
LED Display	
1 LED as Power Indicator	
8 LED as Status Indicator	
Power	
Power Consumption	3.4 W Max
Environment	
Operating Ttemperature	-25 to 75 °C
StorageTtemperature	-30 to 85 °C
Humidity	5 to 95%, Non-condensing
Dimensions	
30 x 102 x 115 (W x D x H)	

Ordering information

I-8090W CR	3-axis Encoder Module (RoHS)
Standard Pack	I-8090W x 1, User's Manual x1, CA-PC25M x 1