A1 Introduction

Section Objective

The information in this section will enable you to:

❑ Understand the product's basic functions and features

OEM010 Description

The OEM010 is a stand-alone indexer with the same capabilities as the OEM650X and OEM350X, but for use with other drives. It is compatible with all Compumotor Step and Direction drives (including the Dynaserv) and is suitable for less demanding motion control applications such as:

❑ Rotary Indexing
❑ Step and Repeat
❑ Linear Slide Positioning

The OEM010 uses the same software commands as the OEM650X and the OEM350X.

Features

The OEM010 requires an external 5VDC power supply.   The OEM010 provides the following features:

❑ Microprocessor-controlled microstepping provides smooth operation over a wide range of speeds

❑ 3 user-defined inputs/2 user-defined outputs

❑ Step, direction, and shutdown outputs are compatible with all Compumotor drives

❑ Compatible with optical encoders for position verification

❑ RS-232C communication for programming or direct operation

❑ Can daisy chain up to 8 units via hardware/up to 256 in software

❑ 1.5 Mhz step output

❑ 3 Inputs for remote sequence selection

❑ Can store 8 programmed sequences in 2k of BBRAM memory

❑ Dedicated Home, CW, CCW limit inputs

❑ Flat or side panel mountable