

A2 Installation

Section Objectives

The information in this section will enable you to:

- Verify that each component of your system has been delivered safely and completely
- Become familiar with components and their interrelationships
- Mount unit within recommended thermal specifications

OEM010 Ship kit

Inspect the OEM010 upon receipt for obvious damage to its shipping container. Report any such damage to the shipping company. Parker Compumotor cannot be held responsible for damage incurred in shipment. You should receive an indexer and a software reference guide. Compare your order with the units shipped.

<i>Part</i>	<i>Part Number</i>
Indexer	OEM010
OEM Series Software Ref. Guide	88-013785-01

OEM010 Indexer Ship Kit

OEM010 Quick Test

1. Connect the OEM010 to a suitable Step and Dir input drive or monitor the Step and Dir output on an oscilloscope.
2. Connect the OEM010 to an RS-232C communications device (i.e., computer, PLC, etc.). The OEM650X's communication parameters are listed below:
 - Baud Rate: 9600
 - Data Bits: 8
 - Stop Bit: 1
 - Parity: None

Handshaking is not supported. Terminals should be set for full duplex mode.

CAUTION

RS-232C signals are not on pins 2, 3, and 7 on the 25-pin D connector.

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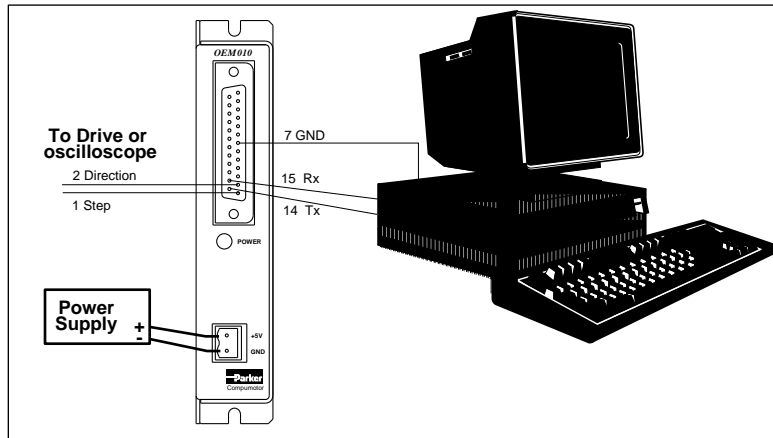
3. Apply power. The OEM's green power LED should be on.

This test assumes that your indexer's motor resolution is set to 25,000 steps/rev. This is the default motor resolution setting for the OEM010.

4. Enter and run the following command sequence to test the system.

<u>Command</u>	<u>Description</u>
MN	Sets unit to Normal mode
LD3	Disables CW & CCW Limits
A10	Set acceleration to 10 rps ²
V10	Set velocity to 10 rps
D25000	Set move distance to 1 CW revolution
G	Initiate move (Go)
H	Reverse move direction (CCW)
G	Initiate move (Go)

5. After verifying that the motor moves CW and CCW, turn off power.



OEM010 Test Configuration

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OEM010 Mounting

If you mount the OEM010 in an enclosure, observe the following guidelines:

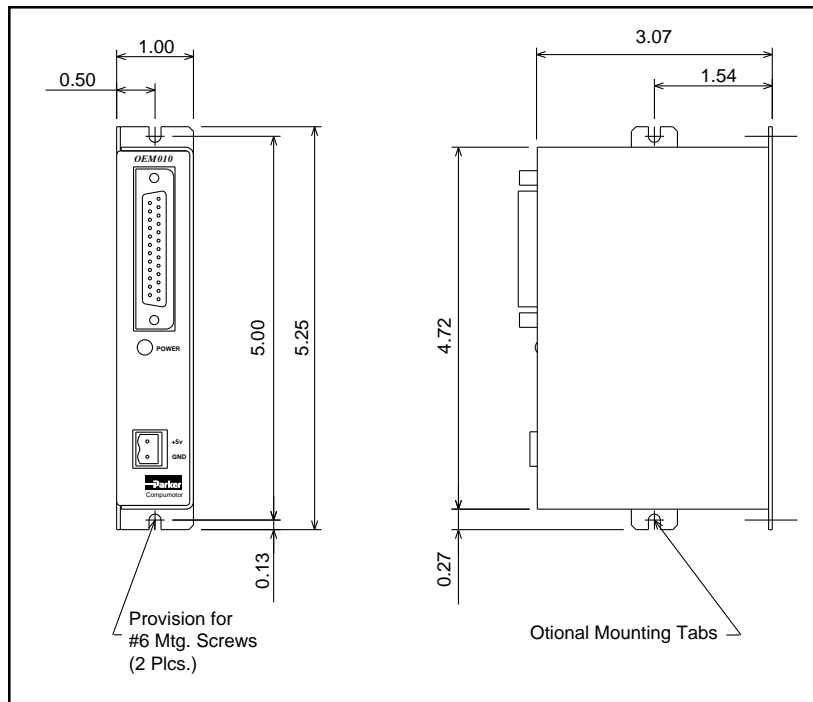
- ❑ Do not mount large, heat-producing equipment directly beneath the OEM010.
- ❑ Do not mount the OEM010 directly above a drive (the drive produces more heat than an indexer).

Refer to the subsequent instructions and diagrams in this section for specific mounting information.

The OEM010 produces almost no heat and can be mounted almost anywhere. The OEM010 is not water-proof, dust-proof, or splash proof, so please provide suitable indexer protection.

OEM010 Dimensions

The OEM Indexer mounting is designed to minimize panel area or footprint (refer to the figure below).



OEM010 Mounting Dimensions