Appendix: OEM010 User Guide

This appendix is designed to help you install, develop, and maintain your system. Each section begins with a list of specific objectives that should be met after you have read the chapter. This section will help you find and use the information in this appendix.

Assumptions

To use this product and its instructions effectively, you should have a fundamental understanding of the following information.

❏ Electronics concepts (voltage, switches, current, etc.)
❏ Motion control concepts (torque, velocity, distance, force, etc.)

Appendix Contents

Section A1: Introduction

This chapter provides a description of the product and a brief account of its specific features.

Section A2: Installation

This chapter contains a ship kit list of items you should have received with your OEM010. Instructions to mount and connect the system properly are included. Upon completion of this chapter, your system should be completely installed and ready to perform basic operations.

Section A3: Specifications

This chapter contains information on system performance specifications (environmental, etc.).

Section A4: Troubleshooting

This chapter contains information on identifying and resolving system problems. Descriptions of LED signals, debugging tools, problems/solutions table are included.

Installation Process Overview

To ensure trouble-free operation, pay special attention to the environment in which the equipment will operate, the layout and mounting, and the recommended wiring and grounding. These recommendations will help you easily and safely integrate the OEM010 into your manufacturing facility. If your environment contains conditions that may adversely affect solid-state equipment (electrical noise or

atmospheric contamination), be sure to follow any special instruction to ensure the safety and long life of your equipment.

Installation Preparation

Before you install this product, complete the following steps:

1. Review this user guide. Become familiar with the user guide's contents so that you can quickly find the information you need.

2. Develop a basic understanding of all system components, their functions, and interrelationships.

3. Complete the basic system configuration and wiring instructions (in a simulated environment, not a permanent installation) provided in *Section A2, Installation*.

4. Perform as many basic functions as you can with the preliminary configuration. Try to simulate the task(s) that you expect to perform when you permanently install your application (however, do not attach a load at this time). This will give you a realistic preview of what to expect from the complete configuration.

5. After you have tested the system's functions and become familiar with the system's basic features, carefully read Section *A2*.

6. After you have read Section *A2* and clearly understand what must be done to properly install the system, begin the installation process. Do not deviate from the instructions provided.

7. Before you customize your system, check all of the system functions and features to ensure that you have completed the installation process correctly.

The successful completion of these steps will prevent subsequent performance problems and allow you to isolate and resolve potential system difficulties before they affect your system's operation.

Warnings & Cautions

Warning and caution notes alert you to problems that may occur if you do not follow the instructions correctly. Situations that may cause bodily injury are presented as warnings. Situations that may cause system damage are presented as cautions.

CAUTION
System damage will occur if you power up the system improperly.