

Change Summary

OEM6200 Installation Guide

Rev B

November 1997

The following is a summary of the primary technical changes to this document.
This book, p/n 88-016310-**01B**, supersedes 88-016310-**01A**.

Topic	Description
Error Corrections	<ul style="list-style-type: none">• The maximum baud rate supported is 9600, not 19200 as stated on pages 3, 6 & 27.• Programmable Output spec corrections:<ul style="list-style-type: none">- Max. current in the ON state (sinking current) is 30mA, not 300mA — see pages 3 & 14.- Pull-up resistor for the output circuit is 10kΩ, not 4.7kΩ as noted on page 16 and the back cover.
Miscellaneous Clarifications	<p>VDC Input Power Tolerance: The tolerances for input power are $\pm 10\%$ for 24VDC power and $\pm 5\%$ for 5VDC power. See page 18 for connections.</p> <p>New Documentation Set: The OEM6200 User Guide (p/n 88-013413-01), which contained hardware and software documentation, is replaced by this document (OEM6200 Installation Guide, p/n 88-016310-01) and the 6000 Series Programmer's Guide (p/n 88-014540-01).</p> <p>NOTE: To receive the 6000 Series Programmer's Guide (as well as the 6000 Series Software Reference), you must order the "OEM6200 MANUALS" ship kit add-on.</p> <p>Zero-Ohm Resistors: The OEM6200 is shipped from the factory with the pull-up resistors for the programmable inputs and programmable outputs (on the PROGRAMMABLE INPUTS/OUTPUTS connector) connected to the internal +5V supply through zero-ohm resistors on the printed circuit board. To pull up these I/O to a voltage source other than +5V, you must remove the respective resistor (R21 for inputs and R22 for outputs) and then connect an external 5-24VDC supply to the respective pull-up terminal (IN-P for inputs and OUT-P for outputs).</p> <div data-bbox="527 1213 1422 1312" style="border: 1px solid black; padding: 5px;"><p>CAUTION: If you fail to remove the resistor (R21 or R22) <u>before</u> connecting the external supply to the inputs pull-up terminal (IN-P) or the outputs pull-up terminal (OUT-P), you will <u>damage the OEM6200</u>.</p></div> <p>EMC Installation Guidelines: The OEM6200 is sold as a complex component to professional assemblers. As a component, it is not required to be compliant with Electromagnetic Compatibility Directive 89/336/EEC. However, Appendix A provides guidelines on how to install the OEM6200 in a manner most likely to minimize the OEM6200's emissions and to maximize the OEM6200's immunity to externally generated electromagnetic interference.</p>