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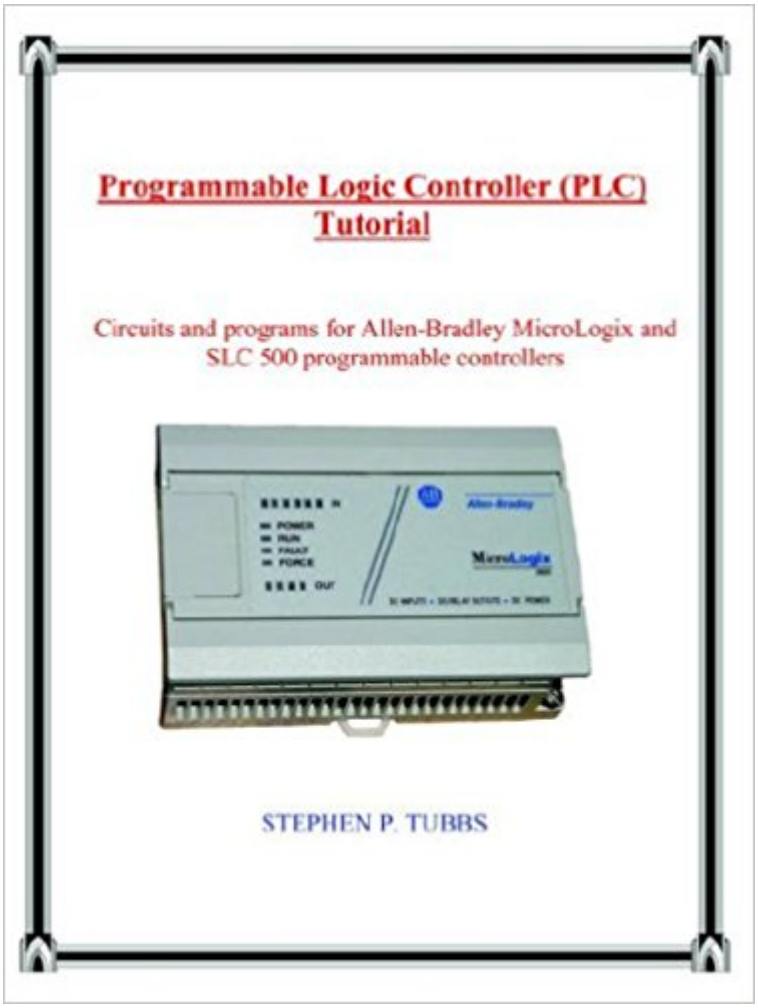
Programmable Logic Controller (PLC) Tutorial



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Synopsis

This book teaches and demonstrates the basics of the Allen-Bradley MicroLogix 1000 programmable logic controller. Information is provided to help the reader get and operate an inexpensive MicroLogix 1000 and associated hardware and software. Examples with ladder diagrams and circuit diagrams are provided to demonstrate different MicroLogix 1000 capabilities. Background information is provided to relate the MicroLogix 1000 to other programmable logic controllers.

Book Information

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Customer Reviews

Basic is right. There is little more than a few wiring diagrams and a few ladder diagrams in this very thin book.As mentioned in another review - This book DOES NOT show you how to build a PLC from Radio Shack parts; what it shows you is a wiring diagram for a switch box and power supply built from RS parts that can be used WITH the PLC - and poor ones at that.It is my opinion that you will learn more from the manual that comes with the PLC, than what is "taught" in this manual.This author also does not know much about teaching. He starts off with complex setups and programming examples - instead of beginning with a basic understanding of the PLC and its instruction set.I learned nothing from this book - other than not to purchase anything written by this author.

Excellent text for beginner, shows how to actually build a simple PLC from components from Radio shack. Shows a number of applications and the ladder logic that is used for those applications. It's the best text for beginners although the learner should have a minimum of two years in electrican knowledge.

This book is based on the Allen Bradley PLC system; certainly a very popular PLC in the USA. It is a great book for use as an introduction to the relationships of the the ladder diagram to the PLC program, as well as linking the program to real world process that it will control.

The book gives you some important guidelines but does not go very deep. Its a good place to start. I would recommend it for someone just starting to work on PLC's.

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