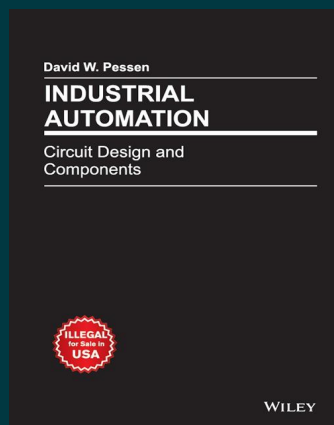




Industrial Automation: Circuit Design and Components

By David W. Pessen

Paperback

9789373320939

₹1,400.00

Pages: 528

Description

The first book to combine all of the various topics relevant to low-cost automation. Practical approach covers methods immediately applicable to industrial problems, showing how to select the most appropriate control method for a given application, then design the necessary circuit. Focuses on the control circuits and devices (electronic, electro-mechanical, or pneumatic) used in small- to mid-size systems. Stress is on on-off (binary) control as opposed to continuous feedback (analog) control. Discusses well-known procedures and their modifications, and a number of original techniques and circuit design methods. Covers ``flexible automation," including the use of microcomputers.

About the Author

David W. Pessen

David W. Pessen is the author of Industrial Automation: Circuit Design and Components, published by Wiley.

Table of Contents

Motion Actuators

Sensors

Introduction to Switching Theory

Industrial Switching Elements

Electric Ladder Diagrams

Sequential Systems with Random Inputs

Pneumatic Control Circuits

Miscellaneous Switching Elements and Systems

Semiflexible Automation: Hardware Programmers

Flexible Automation: Programmable Controllers

Flexible Automation: Microcomputers

Introduction to Assembly Automation

Robotics and Numerical Control

Appendices

Index

To purchase this product, please visit:

<https://www.wileyindia.com/industrial-automation-circuit-design-and-components.html>



Scan to buy