SIEMENS

PLCs for Beginners / PLC?? (W1101)

Objectives

What are the advantages of a programmable logic controller (PLC) over a hard-wired controller? What are the different signal types? How is a program executed in an automation device? How do you program in function block diagram, ladder logic and statement list? These and other questions on programmable logic controllers are answered in the multimedia and inter-active learning program. It is suited for beginners that have basic knowledge of electrical engineering and who want to familiarize themselves with the basics of programmable logic controllers.

Target Group

Decision makers, Sales personnel, Planners, Designer, Programmers, Commissioning engineers, Engineering personnel, Maintenance personnel, Service personnel, Operators

Content

- From relay to PLC
- PLC Tasks
- Basic Terms
- Function Units
- Software
- Logic operations
- Program processing
- Arithmetic operations
- Introduction to the programming of a PLC- FBD, STL and LAD programming
- Creating a PLC program
- Start-up Exercises

Prerequisites

None

Type

E-Learning

Duration

6 hours

Language

zh

Fee

200 CNY