

## SINAMICS S120 Service and Commissioning - servo control with Starter / SINAMICS S120 服务与调试课程-伺服控制(基于Starter) (D7212)

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### Objectives

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This training course encompasses the basics of the SINAMICS S120 drive system. It provides the technical knowledge for startup, parameterization, maintenance, drive optimization, and troubleshooting. Also, in this course, basic knowledge of communication of PROFIBUS is included. Practical exercises for reinforcing the knowledge will be carried out on the SINAMICS S120 Training Case. On completion of the course, participants will be able to implement automation solutions with the SINAMICS S120, and the STARTER PC tool allow the course participants to develop job-related skills at a practical level.

### Target Group

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programming engineer, commissioning engineer, project design engineer, service personnel, maintenance personnel

### Content

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- Brief overview of fundamentals of the drive system
- Design of the drive system and overview of documentation and service
- Startup and parameterization with the STARTER commissioning tool
- Diagnostics and troubleshooting
- Fundamentals of communication via PROFIBUS
- Software functions, closed-loop control and optimization of SERVO and VECTOR drives
- Startup of the integral basic positioner (EPOS)
- Hardware setup, wiring
- Introduction of parameter structure and function diagrams
- Practical exercises on the SINAMICS S120 training units

### Prerequisites

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General knowledge of AC drives, converter technology and control engineering

### Type

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Face-to-face training

### Duration

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5 days

### Language

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zh

### Fee

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6,500 CNY