

## SINAMICS S120 Service and Commissioning Course (DR-S12-PM)

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### Short Description

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This training course encompasses the basics of the SINAMICS S120 drive system. It provides the technical knowledge required for startup, parameterization, drive optimization, and troubleshooting. Practical exercises for reinforcing the knowledge gained are carried out on the SINAMICS S120 Training Case.

### Objectives

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On completion of the course, you will be able to implement automation solutions with the SINAMICS S120. You can carry out startup and optimization of the SINAMICS S120 quickly and effectively with skillful use of the STARTER commissioning tool. In this way, you reduce engineering costs and minimize downtimes in your plant.

### Target Group

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Commissioning engineers.

### Content

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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)  
Practical exercises on the Training Kit

### Prerequisites

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Basic knowledge of electrical engineering.

### Type

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Face-to-face training

### Duration

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5 days

### Language

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