

## DR-G120-EXP / К y п c DR-G120-EXP (DR-G120-EX)

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### Short Description

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In this course, we teach the know-how required for configuring and initial startup of the SINAMICS G120 drive system. Practical exercises using a SINAMICS G120 Training Case are an important component. On completion of the course, you will have mastered safe handling of the STARTER commissioning tool. This allows you to effectively use different converter functions, optimize closed-loop controls, and thus achieve the greatest possible success when using the SINAMICS G120 system

### Objectives

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- Studying the hardware of the Sinamics G120, familiarity with the basics of drive design, commissioning the drive using operator panels and Starter software, configuring the drive regulators and integrating it into automatic control systems.

### Target Group

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Commissioning engineers, configuring engineers  
Service personnel  
Maintenance personnel

### Content

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- Design of the SINAMICS G120 drive system
- Commissioning and parameterization with the STARTER commissioning tool
- Converter functions (flying restart, brake, closed-loop control)
- Data maintenance
- Flexible signal switching with BICO technology
- Safety Integrated functions
- Diagnostics and troubleshooting
- Practical exercises using the training case

### Prerequisites

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Basic knowledge of electrical engineering

### Note

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The hands-on exercises are performed using the SINAMICS G120 training stand, asynchronous motor, FieldPG programmer or PC.

### Type

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Face-to-face training

### Duration

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5 days

### Language

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