

## SINUMERIK 840D sl Safety Integrated Maintenance (NC-84SLSIS)

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### Kurzbeschreibung

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This course teaches you how to maintain and service a machine tool with SINUMERIK 840D solution line and Safety Integrated.

### Ziele

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This course teaches you how to maintain and service a machine tool with SINUMERIK 840D solution line and Safety Integrated. The practical exercises for troubleshooting and service on our training equipment form an important part of this course.

On completion of the course, you will have mastered efficient troubleshooting and fault correction. You will be able to respond quickly to error messages because you will know exactly what has to be done. You will also be able to check the safety-related functions following repair or module replacement. Any necessary acceptance tests can be expertly carried out.

### Zielgruppe

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Service personnel  
Maintenance personnel

### Inhalte

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General information on safety technology and standards  
System overview  
Motion monitorings  
Safe communication with PROFIsafe  
Safe programmable logic (SPL)  
Analysis of diagnostics and alarm displays  
Procedure at startup and troubleshooting  
Test stop with circuit examples  
Safe brake management  
Acceptance test report; actions to be taken in service  
Description of the machine data and interface signals  
Practical exercises on training devices

### Teilnahmevoraussetzung

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Basic knowledge according to the course NC-84SL-SK.  
The participant must be an electrically skilled person.

### Hinweise

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none

### Typ

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Präsenztraining

### Dauer

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3 Tage

### Sprache

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