

# ISO13849 Machinery (DE0303)

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Introduction to ISO 13849, Safety of machinery – Safety related parts of control system

Who should attend

- Development Engineers (System, Hardware and Software)
- Product Managers
- Project Leaders of safety related machinery developments
- Managers/ decision takers / budget responsables
- Quality managers

Course topics:

- Introduction to Functional Safety
- Safety Functions in the scope of ISO 13849, Safety Integrity
- Risk Reduction and estimation of Performance Level
- Probability of failures, diagnostic coverage
- Categories and designated architectures
- Fault exclusion principle
- Meaning of Functional Safety Management and Safety Lifecycle
- Software Requirements
- Verification and Validation (overview)

**Duration:** 1 day

**Language:** German or English, training material will be in English.

**Location:** [exida.com](http://exida.com) GmbH office

Prof.-Messerschmitt-  
Straße 1  
D-85579 Neubiberg /  
Germany

or **ONLINE**

Brochure



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Scheduled courses -

[Register here:](#)