

Functional safety: EU laws, directives and standards – Basics

Safety competence trainings

TRAINING AND EDUCATION

SICK
Sensor Intelligence.

Ordering information

Type	part no.
Functional safety: EU laws, directives and standards – Basics	1617178

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Detailed technical data

Features

Description	Safe machinery provides legal protection for both manufacturer and user. But who is punishable by law when an employee is injured by a machine? The manufacturers are obliged to construct their machines so they are compliant with the essential safety and health requirements of the Machinery Directive. Standards help manufacturers design their machines to meet the requirements of the applicable directives. You get an overview of the current European legal situation on the subject of machine safety.
At a glance	European legislation regarding functional safety European directives and national legislation Meaning of the CE marking Type-A, Type-B and Type-C standards
Objectives	Overview of the current European legal situation on the subject of machine safety Familiarization with the Work Equipment Directive for operating entities and the Machinery Directive for machinery manufacturers Overview of the standards in the field of machine safety
Attendance type	Online
Training format	Web-based training
Duration	30 minutes
License period	Online access to training valid for 12 months
Level	Basics
Target audience	Application engineers System integrators Designers Safety officers Developers Project engineers Service and maintenance staff
Available languages	German English
Certificate	SICK
Prerequisites	Basic experience in automation and machine safety.

Classifications

ECLASS 5.0	25250708
ECLASS 5.1.4	25250708
ECLASS 6.0	25250708
ECLASS 6.2	25250708
ECLASS 7.0	25250708
ECLASS 8.0	25250708
ECLASS 8.1	25250708

ECLASS 9.0	25250708
ECLASS 10.0	25250708
ECLASS 11.0	25250708
ECLASS 12.0	25250708
ETIM 6.0	EC003015
ETIM 7.0	EC003015
ETIM 8.0	EC003015

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com