



Safety Skill Zone – Industrial robotics – Basics

Safety competence trainings

TRAINING AND EDUCATION

SICK
Sensor Intelligence.



Ordering information

Type	part no.
Safety Skill Zone – Industrial robotics – Basics	1144280

Other models and accessories → www.sick.com/Safety_competence_trainings

Detailed technical data

Features

Description	Applications with robot systems are an integral part of industrial automation. The safety requirements are defined by corresponding standards and regulations. This three-part training course provides a basic level introduction to safe robotics in industrial environments. It covers different types of robots, typical hazards, safety requirements for human-robot interaction (collaboration), and the relevant standards. In addition, there is an introduction to force and pressure measurement to validate the collaboration and cooperation method. The video training courses are available online and offer solid entry-level knowledge, taught by English-speaking experts with subtitles in other languages.
At a glance	Basic level of knowledge Standards ISO 10218, ANSI/RIA 15.06, ISO/TS 15066, RIA TR R15.606 Learning progress can be checked with questions at the end of each training course
Your benefits	Overview of the criteria for the safe use of industrial robots, and application of the standards at a basic level Clear presentation in the form of learning videos with practical examples 24/7 availability of content
Objectives	Overview of the robot types used in industry Differentiation between robots and robot systems Getting to know the types of interaction between humans and robots as well as efficient selection criteria Understanding how to perform the validation by measuring force and pressure Knowledge of typical hazards and relevant standards
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 Maintenance Project engineers Students
Available languages	German English Simplified Chinese Portugese Spanish
	Note English spoken, all other languages as subtitles
Certificate	SICK

Prerequisites	Basic knowledge of automation and mechanical engineering.
Technical prerequisites	PC or laptop with a current web browser and an Internet connection

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