

Safe HRC systems, human-robot collaboration – Advanced

Safety competence trainings

TRAINING AND EDUCATION

SICK
Sensor Intelligence.

Ordering information

Type	part no.
Safe HRC systems, human-robot collaboration – Advanced	1610760

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

Detailed technical data

Features

Description	Industrial robots and people in the same working area? In fact, more and more applications in which robots are intended to support people working in the same work process are arising. This requires that people and machines should be able to work cooperatively or collaboratively in a small space without having to be separated by physical guards. What requirements need to be fulfilled for contact between people and robots to ensure that work is carried out safely? This workshop shows what is needed for this cooperation to function well.
At a glance	Knowledge of the normative requirements for “Collaborating robots” in accordance with ISO 10218-2 Requirements on the technical measures Risk assessment for robot systems Design requirements and protective measures
Your benefits	Implement normative requirements safely Safe collaboration between humans and robots
Objectives	Getting to know and being able to incorporate the principles and concepts of the robot standard EN ISO 10218-2
Attendance type	Face-to-face
Training format	Classroom training
Class size	Maximum 15 trainees
Duration	1 day
Level	Advanced
Target audience	Designers Planners Maintenance Safety officers
Available languages	German
Certificate	SICK
Prerequisites	Basic knowledge of safety technology (types of protective devices, risk assessment, control knowledge)

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