



Certified Functional Safety Application Expert (CFSAE), SGS-TÜV Saar – Expert

Safety competence trainings

TRAINING AND EDUCATION

SICK
Sensor Intelligence.



Ordering information

Type	part no.
Certified Functional Safety Application Expert (CFSAE), SGS-TÜV Saar – Expert	1610643

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

Detailed technical data

Features

Description	The manufacturer or operating entity bears the full responsibility for the safe operation of their machines and systems. Are you responsible for the safety of your employees in your company? With your years of experience as an application engineer, system integrator, developer, safety officer or person responsible for machine safety, you can qualify as a “Certified Functional Safety Application Expert (CFSAE) – SGS-TÜV Saar”. The training is aimed at you as an experienced person and is provided by experts. It gives you the opportunity to discuss functional safety topics with them on an equal footing. Following the training, you can take the exam to become a CFSAE (SGS-TÜV Saar) and, if you pass, you will receive the corresponding certificate.
At a glance	European directives Standards: ISO 13849, IEC 61508, and IEC 62061 Risk assessment Safety functions on machines Selection and assessment of safeguards and safety components Requirements when implementing safeguards Switching technology Once you successfully pass the exam, you will receive a certificate from SGS-TÜV Saar GmbH that is valid for 5 years with an option to extend it once
Your benefits	Discuss safety issues and exchange ideas with experts on an equal footing Once you pass the exam, you will receive a certificate from SGS-TÜV Saar GmbH You can list yourself as a “Certified Functional Safety Application Expert (CFSAE) - SGS-TÜV Saar” on your business card
Objectives	You can confidently apply the requirements of the functional safety standards You can select the appropriate functional safety measures to reduce risk, and can justify your choice You implement the necessary steps for documentation and quality assurance in your company
Attendance type	Face-to-face
Training format	Classroom training
Class size	Maximum 12 trainees
Duration	4.5 days
Level	Expert
Target audience	Application engineers System integrators Designers Safety officers
Available languages	German English Spanish Simplified Chinese Traditional Chinese Turkish
Certificate	SICK

Prerequisites	Basic knowledge of the application and content of the current Machinery Directive Many years of experience with functional safety Understanding of: ISO 13849, IEC 61508, IEC 62061, Machinery Directive 2006/42 / EC Management of functional safety At least 2 years of professional experience with industrial machines Training in electrical or mechanical engineering or practice in these fields, basic knowledge of automation and electrical safety
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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