

Flexi Soft Safety Controller Basic Configuration Training

SICK LifeTime Services Training Course



Description

This course is designed for beginning users of the Flexi Soft safety controller. Each Flexi Soft module and functionality is examined. Participants will acquire the knowledge of how to install and wire each module. This course will develop the skills needed to create a basic Flexi Soft system application. Exercises with FSD (Flexi Soft Designer) or SD (Safety Designer) software will demonstrate basic function blocks so participants can understand versatility and functionality. Flexi Soft troubleshooting tools and reports will be demonstrated to recognize system alarms and how to correct problems. The instructor will share presentations and product demonstrations using either an online meeting tool, or when delivered at customer site or at the SICK North American Training Center, a hands on learning experience. Exercise tasks will be used to monitor participant's competency as the training progresses.

Objectives

- Understand the functionality of each Flexi Soft module
- Learn how to install, wire and replace modules
- Examine the basics of SICK software
- Introduce simulator tool to test the configuration
- Start and verify the Flexi Soft configuration
- Examine module LED error codes
- Create wiring faults and expand knowledge of how to recognize system errors
- Backup and load saved configuration

Course Benefits

- Reduce downtime by expanding knowledge of LEDs to troubleshoot without a computer
- Develop the basics skills of how to use SICK software
- Develop advanced troubleshooting skills using SICK software to reduce downtime
- Identify when it is necessary to replace a module, and accomplish this task in a minimum of time
- Learn how to backup or restore a system configuration in just a few minutes



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Target Audience

Plant Engineers and Electrical Technicians

Prerequisites

- Basic computer skills
- Basic understanding of industrial safety concepts and safety control circuits

Recommended Additional Course

- Basic Machine Safe Guarding Training

Duration

4-8 Hours

Class Size

Maximum of 8

Where Offered

- Customer site
- SICK North American Training Center
- Online meeting

Format

Presentation, demonstration, and exercises/quizzes

Testing Available

Yes

Customer Required Materials

For training at customer site, at a minimum, for every two participants:

- PC with SICK FSD or SD software installed prior to attending
- Minimum of two (2) 110 VAC outlets

For virtual training:

- PC with SICK FSD or SD software installed prior to attending
- Online meeting tool installed (if necessary) prior to attending

Logistics

The following must be made available for the duration of the training:

- A suitable training room/area
- For in-person training at customer site or at the SICK North American Training Center, SICK provides hardware workstations for the hands-on experience

Failure to have the customer required material and/or logistics available may lead to ineffective training and may result in the class not being able to achieve the described objectives and course benefits.

Part Number

1065299

Travel expenses additional. Please contact SICK for information.

SICK Training & Education

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SICK offers several types of training programs to help you learn more about our innovative products and systems. Many of our training modules offer hands-on, real-world application examples and problem-solving experiences. Please visit our website at <http://www.sickusa.com> for more information.