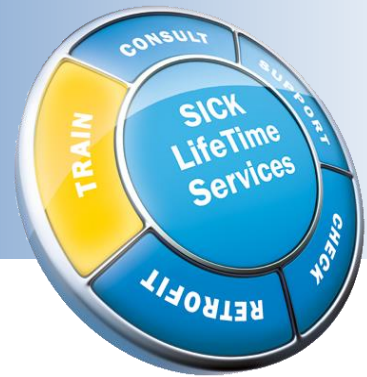


Basic Distance Sensors Configuration Training

SICK LifeTime Services Training Course



Description

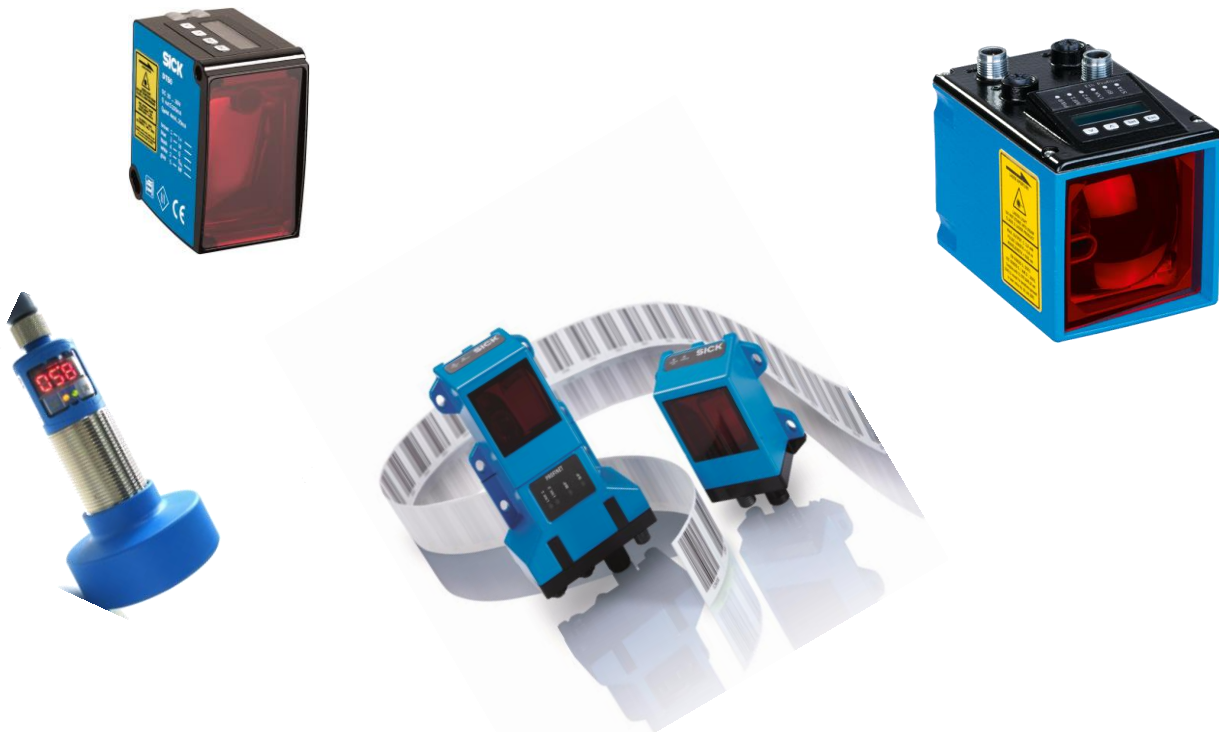
This course will use a combination of presentations to cover the technologies followed by breakout lab sessions. Products examined include distance measuring sensors. During this course important functions of each product will be examined, configured and evaluated by participants. The course will focus on specific distance sensors used by customer. 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

- Acquire the knowledge to correctly wire PNP and NPN type sensors
- Execute SOPAS configuration software (where applicable) to set sensor parameters
- Correctly implement distance sensors
- Identify how external light and reflective objects can affect photoelectric sensors
- Develop basic sensor troubleshooting skills

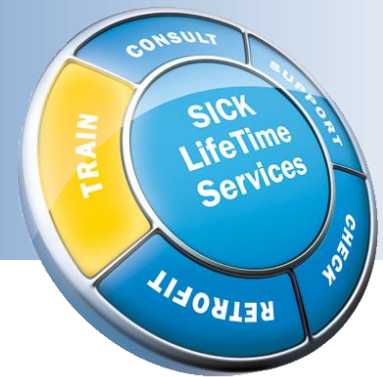
Course Benefits

- Participants will acquire the knowledge to wire both a PNP and NPN type sensor to a mechanical relay
- Participants will develop the skills to install, configure, and apply distance sensors correctly
- Participants will develop the knowledge to troubleshoot and diagnose sensor problems, correct and test for proper functionality
- Participants will develop the application knowledge to choose and apply distance sensors – learning the differences and best applications for each sensor type



Basic Distance Sensors Configuration Training

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Target Audience

Technical staff, Maintenance Engineers, Integrators and Plant Engineers, Technical Sales Personnel

Prerequisites

None

Recommended Additional Course

None

Duration

4 hours

Class Size

Maximum of 8

Where Offered

- SICK North American Training Center
- Customer Site
- 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 SOPAS installed prior to attending
- Minimum of two (2) 110 VAC outlets

For virtual training:

- PC with SOPAS 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

1612560

Travel expenses additional. Please contact SICK for information.

SICK Training & Education

From product training, start-up assistance, and engineering and consulting services — SICK provides the necessary support before and after field installation through an established network of field personnel. Training, service and support programs from SICK help you reach your goals with our innovative, cost-effective solutions.

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.