

M4000 Advanced – UE403 Muting System Configuration Training

SICK LifeTime Services Training Course



Description

Participants will learn how the M4000 Advanced - UE403 entry-exit muting system can provide a complete safety solution. Product features, installation, configuration with CDS (SICK Configuration and Diagnostic Software), maintenance procedures and troubleshooting techniques will be examined. 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

- Assemble and align the M4000 Advanced - UE403 system
- Wire the M4000 Advanced to a safety interface
- Configure with CDS and test various muting options
- Examine diagnostic information and troubleshooting tools
- Troubleshoot invalid muting cycles and sensor faults
- Troubleshoot external interface faults
- Recognize and correct product alerts for poor alignment and contamination
- Backup and load saved configurations
- Examine when components need to be reset to factory defaults
- Initialize the M4000 Advanced and the UE403 to factory defaults

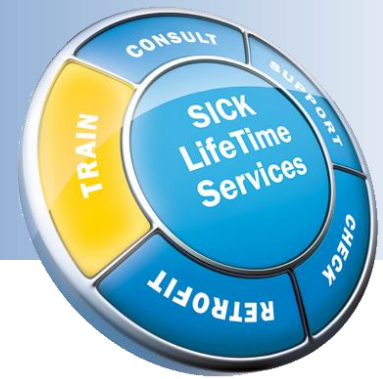
Course Benefits

- Participants will be able to install and align a M4000 Advanced - UE403 muting system
- Participants will be able to configure a M4000 Advanced - UE403 system using CDS
- Understand the use of the built-in diagnostic tools to troubleshoot a system to reduce downtime
- Save and load a configuration and/or initialize redeployed components to ensure quick replacement



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Target Audience

Technicians, Plant Engineers, Safety Integrators

Prerequisites

Simple mechanical aptitude, basic computer skills

Recommended Additional Course

Basic Machine Safeguarding Training

Duration

4 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 CDS software installed prior to attending
- Minimum of two (2) 110 VAC outlets

For virtual training:

- PC with SICK CDS 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

1065291

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.