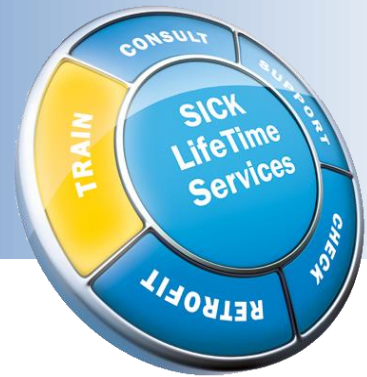# FS100 FLARE Ultrasonic Flow Measurement Advanced Maintenance Training

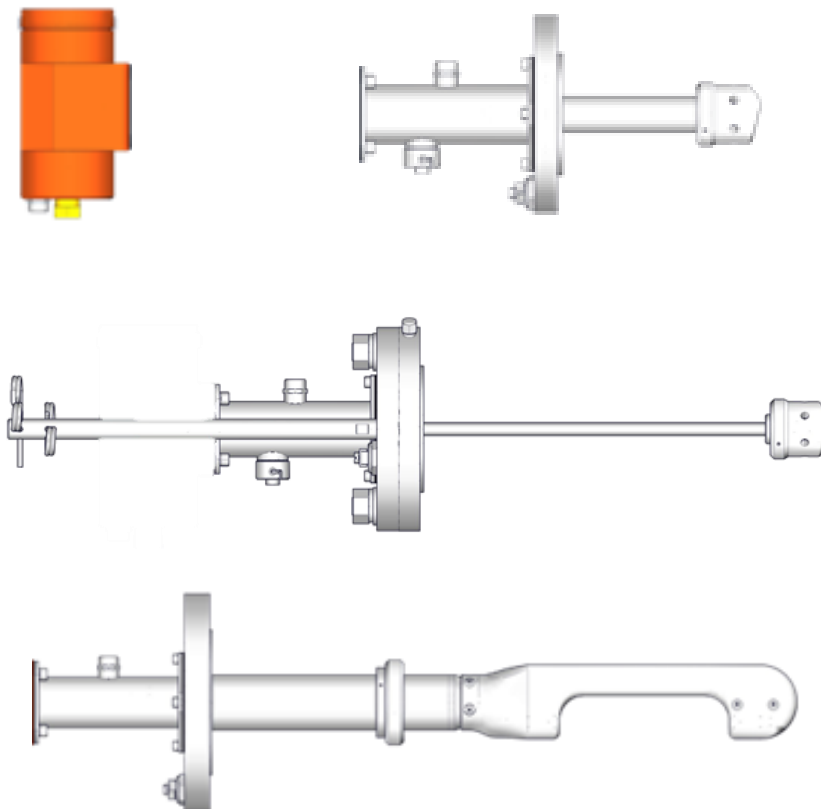## SICK LifeTime Services Training Course

Description

This course provides an overview of the basic repair options for the FS100 FLARE sensors, electronics, and MCUP control unit. Participants will learn about the requirements for basic repairs including how to update firmware and use of Zero Verification Tools for adjusting the signals. **This is an advanced course that requires use of the Zero Verification Tools which must be purchase prior to the training.

Objectives

- Sensor Repair Guide
- Sensor Firmware
- MCU Processor
- MCU Firmware
- Signal Adjustment

Course Benefits

- Learn what parts can be replaced.
- Understand the requirements for basic repairs.
- Learn how to update firmware.
- Learn how to use the Zero Verification Tools to preform adjustments after repair.

FS100 FLARE Ultrasonic Flow Measurement Advanced Maintenance Training

SICK LifeTime Services Training Course

Target Audience
Technicians in Measuring and Control

Prerequisites
FS100 FLARE Implementation Training
Zero Verification Training

Recommended Additional Course
None

Duration
4 Hours

Class Size
Maximum of 8

Where Offered
Customer Site
SICK Houston Training Center
Virtual Training NOT available

Format
Lecture, demonstration, hands-on

Testing Available
No

SICK Provides These Materials
- FS100 FLARE and MCUP Control Unit for use during training session.
- Printed Training Books
- Electronic Operating Instructions

Logistics
The following must be made available for the duration of the training:
- Zero Verification Tools
- A suitable training room/area
- A projector with screen for use with a PC
- PC/Laptop with SOPAS ET installed

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
1074850
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.

SICK
Sensor Intelligence.