Course description

G3773e
Incremental encoders
Internet course

Course type
Internet course

Course Duration
The course duration is approximately 20 minutes.

Course Goal
The goal of this course is to gain a deeper understanding of incremental encoders and how they work, as well as the FEN-01 and FEN-31 encoder modules.

Student Profile
This course is intended for sales, technical support, field service engineers, product managers, engineering support, and OEMs.

Prerequisites
- Basic knowledge of feedback devices
- An Internet connection. The recommended browser is Microsoft Internet Explorer.

Course Objectives
After this course you will be able to:
- Describe what an incremental encoder is
- Describe how an incremental encoder works
- Describe how an incremental encoder is used
- Describe the use of FEN modules

Main Topics
- What an incremental encoder is
- The typical uses of an encoder
- Advantages and disadvantages of encoders
- How an encoder is constructed
- How optical and magnetic incremental encoders work
- Incremental encoder signals
- FEN-01 and FEN-31 encoder modules