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

n   Basic knowledge of feedback devices

n   An Internet connection. The recommended browser is Microsoft Internet Explorer.

Course Objectives

After this course you will be able to:

n   Describe what an incremental encoder is

n   Describe how an incremental encoder works

n   Describe how an incremental encoder is used

n   Describe the use of FEN modules

Main Topics

n   What an incremental encoder is

n   The typical uses of an encoder

n   Advantages and disadvantages of encoders

n   How an encoder is constructed

n   How optical and magnetic incremental encoders work

n   Incremental encoder signals

n   FEN-01 and FEN-31 encoder modules

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