

Using the Model 1000 in a Feed to Length Application

July, 1996

Application Note #21

Application:

Provide a serial interface to an Emerson FX drive for a feed to length application.

Type:

Motion Control

Objectives:

- Operator Interface for speed, distance, and count in six different feed to length and cut programs.
- Communicate serially to the Emerson drive to allow parameter setup and stop and go.

Product Used:

Model 1000

Solution:

The Model 1000 is used to set up screens for a main screen and each program in the drive. Softkeys were programmed in each index screen to start, stop, or go to the data entry screens. Current values could be pulled from the drive as well as give the operator the option to change and send new values back to the controller.

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