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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## PROGRAMMING TOOL

EAP-001

### Introduction

This tool is used in conjunction with one of the programmable versions (either absolute or incremental) of the LP series encoders. It allows the user to set the resolution, index and other parameters on the encoder.



### Features

- This tool is configured so that it connects to your computer via a USB connection
- It connects to the encoder either through an M12 circular connector, a pre-wired terminal box connection (if you have ordered the LP series with the terminal box configuration) or directly with individual wires (if you have a cable termination.)
- Download the software and drivers on BEI Sensors website: <http://www.beisensors.com/programmable-encoders.html>
- Prior to using the software programming cable, additional USB drivers may be needed.
- OS requirements: Windows XP or higher.

### Overview of General Programming Procedure

Connect the terminal box, M12 connector or encoder wires from the encoder to the programming tool.

#### CAUTION

Double check wiring before inserting USB plug into PC.

Connect the programming tool to a PC

Launch LP series PC programming tool software

The software detects the encoder type and then gives access to the relevant encoder parameters

Change the encoder parameters as needed

End the programming sequence by clicking on the Program button

Disconnect the encoder

For more specific instructions, refer to the Specification Sheet for the Programmable version of the LP series encoders.

Page 1

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