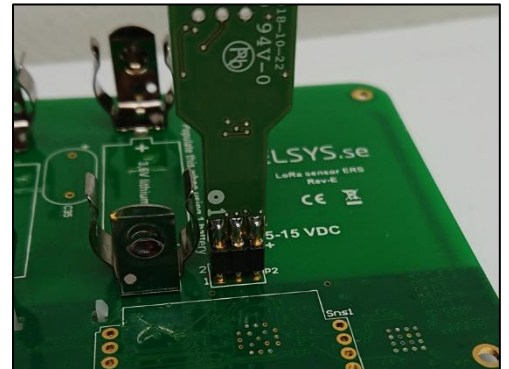# Programming stick guide

ELSYS.se

LoRaWAN Wireless Sensor

Description

ELSYS programming stick is a tool for easy update of the firmware of any ELSYS device.

Preparation

1. Connect the programming stick to the computer. It appears as a small USB drive.
2. Download the firmware from ELSYS homepage.
   https://www.elsys.se/en/documents-firmware/
3. Copy the correct firmware to the programming stick.
   LED flashing orange = FAT error
   LED flashing red = Internal error
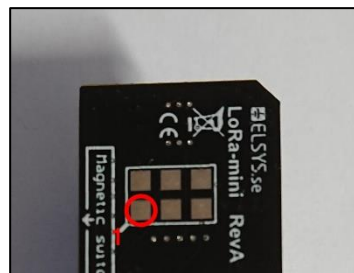4. Disconnect the programming stick from the computer.

Display of how the programming stick should be connected. (Note - battery must be inserted!)
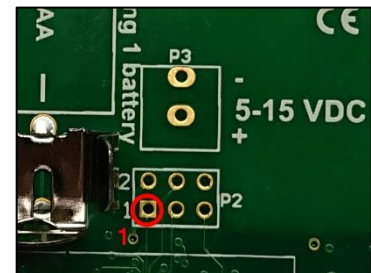
Programming

1. Insert new batteries to the device.
   1 or 2, depending on the device. Read more in the Operating Manual for your product.
2. Hold the programming stick to the programming port on the device.

ELT Programming port

EMS Programming port

ERS Programming port

3. Programming stick starts programming ones connected.
   LED fixed red: Error or startup　　　　　　　　　*LED flashing orange: FW/Bin file error*
   LED fixed green: Start programming　　　　　　　*LED flashing red: Programming*
   　　　　　　　　　　　　　　　　　　　　　　　LED flashing green: Done
4. Normal programming procedure:
   Red → Green → Flashing red → Flashing green → Programming completed