


SPECIFICATIONS:
Specific:

- Measured parameter: Absolute rotation
- Sensing technology: Resistor bridge
- Range: 270 °
- Output format: Continuous

General:

- Size: 1 cm-sized cube approx.
- Weight: 15 g approx.
- Operating temperature range: Standard
- Wiring: 6.35 mm TRS jack, 2 m-long cable
- Power: Built-in phantom 5V DC

INSTALLATION GUIDE:

Please use the following procedure to assign a **Control Change** of the **modulation** to this sensor:

1° We assume here that your Eobody setup is fully functional and its editor launched and ready to communicate: in case of emergency, please refer to the main tutorial!

2° Plug the jack connector of the sensor to the chosen input of the Eobody.

3° On the first (or second) eight inputs configuration pannel of the editor, appearing on screen when you click on the "1-8" (or "9-16") button from the main window, depending on the input you want to configure, make sure that the status of the input this sensor is plugged to is turned on.

4° From left to right on the same line, set the bit depth to 7 Bits (sufficient enough for this case), the zoom to off and the offset to 0 (as the sensor signal is fairly useable as is), the **type to CC** (meaning "Control Change"), the MIDI channel to the one the Eobody is using, the gate to 8 (minimal hiss proof) and the sub sampling ("S Samp") to 0 (so that the signal is refreshed frequently).

5° Let us control the modulation: assign **"Val 1" to 1** and leave the remaining parameters, here insignificant, as are.

6° Dump these settings to the Eobody by clicking on the "Dump" button on the main window.

You will normally have a lookalike window to the following one:


APPLICATION NOTES:

Ideas for custom use:

- On most MIDI devices both min and max values can be assigned as wanted as well as the direction of the sweep: either up or down.

Featured on stage:

- An interactive installation where its spectators are actually its player could involve such a simple way of changing parameters.
- The three built-in potentiometers already on the front side of the Eobody aren't sufficient? Imagine a large plane cockpit fully RAF-compliant... These switches will enable you to build your own interface.