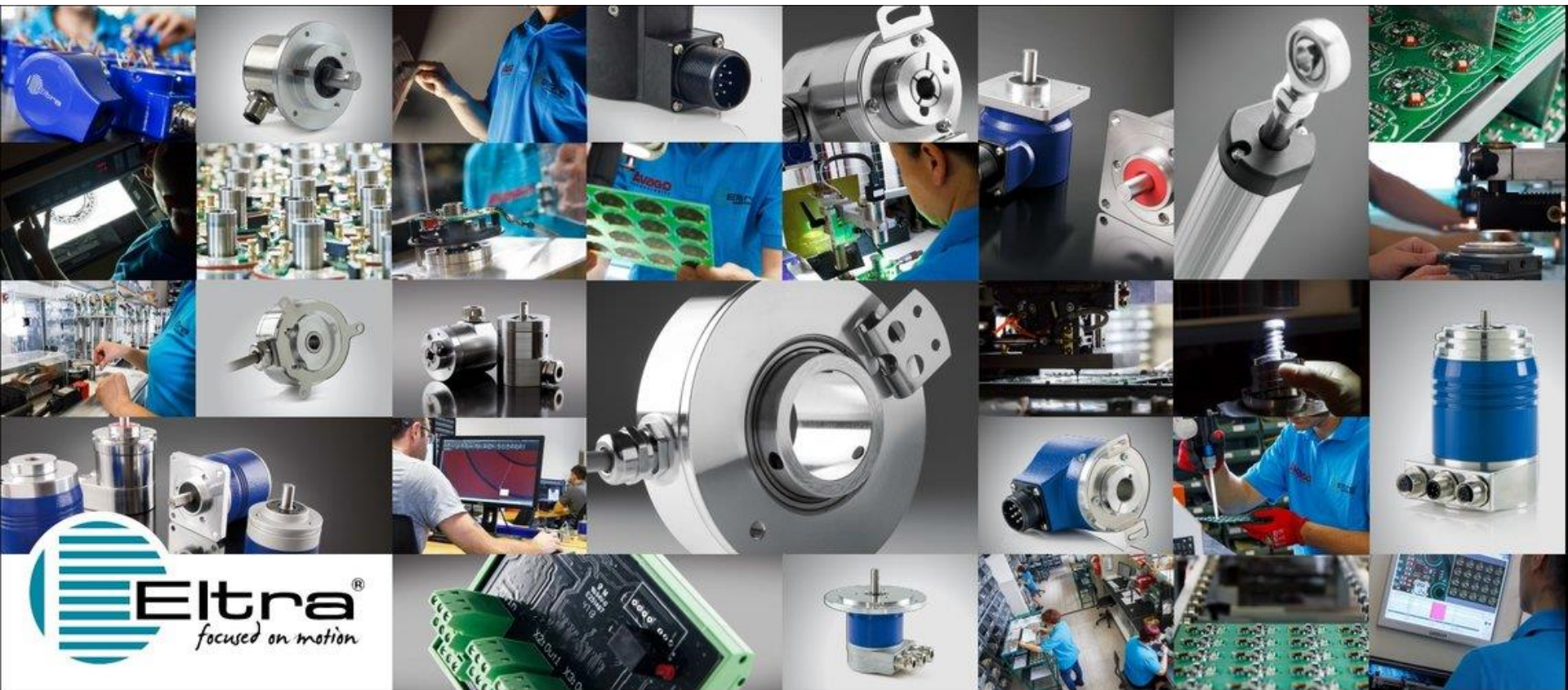




EAI76M-EVAL KIT – Quickstart

The kit comprises the following components:

- an electronic board (sensor board) to be applied to the stator
- a target board to be mounted on the motor shaft (rotor)
- cable extension (150 mm)



EAI76M-EVAL KIT – Installation

1. install the target board on the motor shaft (rotor) using the four screws (not supplied)
2. install the sensor board on the motor flange using two screws (not supplied) and proceed with the proper electrical phasing



EAI76M-EVAL KIT – Output signals

Verify that the SIN+ / SIN- / COS+ / COS- signals are as shown in Figure 1 using a scope

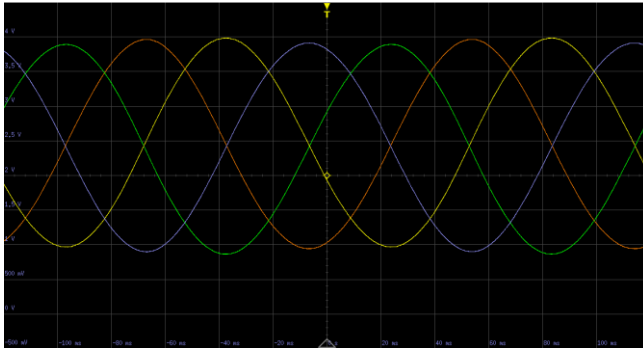


Figure 1 – correct signals

If there are waveforms similar to figure 2, loosen the screws on the sensor board and move it slightly until the electrical signals are as shown in figure 1

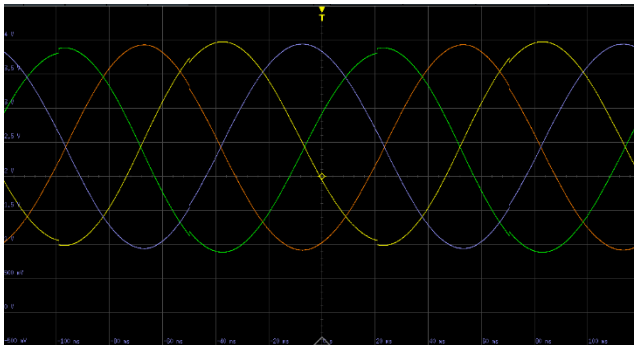


Figure 2 – signals to be corrected



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