

# SATI

- stand alone calibration interface



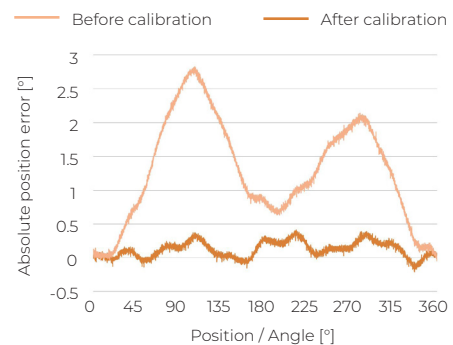
SATI is a stand-alone interface which enables zeroing and calibration of the encoder after it has already been installed. Successful calibration process done with SATI improves the system's absolute position error down to  $\pm 0.2^\circ$ . It can be used for encoders made with AM4096 sensor ICs only.

## Why choose SATI?

### FEATURES:

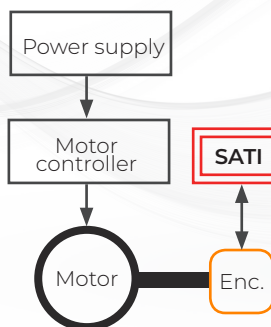
- ✓ Stand-alone device
- ✓ Calibration and zeroing functions controlled by push-buttons or digital inputs
- ✓ Status available as digital outputs or LEDs

Absolute position error plot before and after calibration

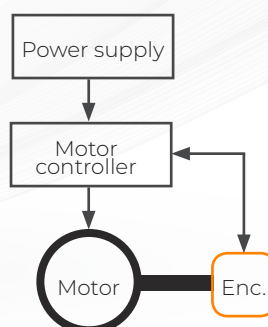


The calibration process is performed in open loop configuration while the motor is running at constant speed 100 RPM – 10,000 RPM. The improved performance is visible when motor is running in closed loop configuration.

### Open loop:



### Closed loop:



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