

Calibration Sequence function V. 1.0

Descriptions

This function is necessary only in the commissioning of the actuator, to set mechanical stroke and the absolute sw end strokes. It consist of five steps. Tree of these follow the manual operator reverse – forward commands.

The operator must execute in order:

- *Switch ON “CALIBRATION” (PIN 25 A4).*
- *Push ON “BACKWARD” (PIN 24 A3). The actuators must move till to mechanical zero reference. Stop*
- *Push ON “FORWARD” (PIN 23A2). The actuators must move till to max requested extension actuator position. Stop*
- *Switch OFF “CALIBRATION” .*

On the start of the forward command the counter of the pulses is reset.

At the end (transition to OFF of the “CALIBRATION”) the value of the actual position is set as max sw end stroke position. This sw end stroke value (tree bytes) is saved in EEPROM at the addresses 4,5,6 of the EEPROM memory.

Syntax: `CalibrationSequence()`

Input parameters: `TSI_ST_FWD, TSI_ST_BKW, TSI_ST_CAL, CS_Step, Counter_ENC_1.`

Output parameters: `Save_SW_End_Stoke, CS_REQ`

Status: `CS_Step`

Calls: `Write_SW_End_Stroke()`

CalibrationSequence function



