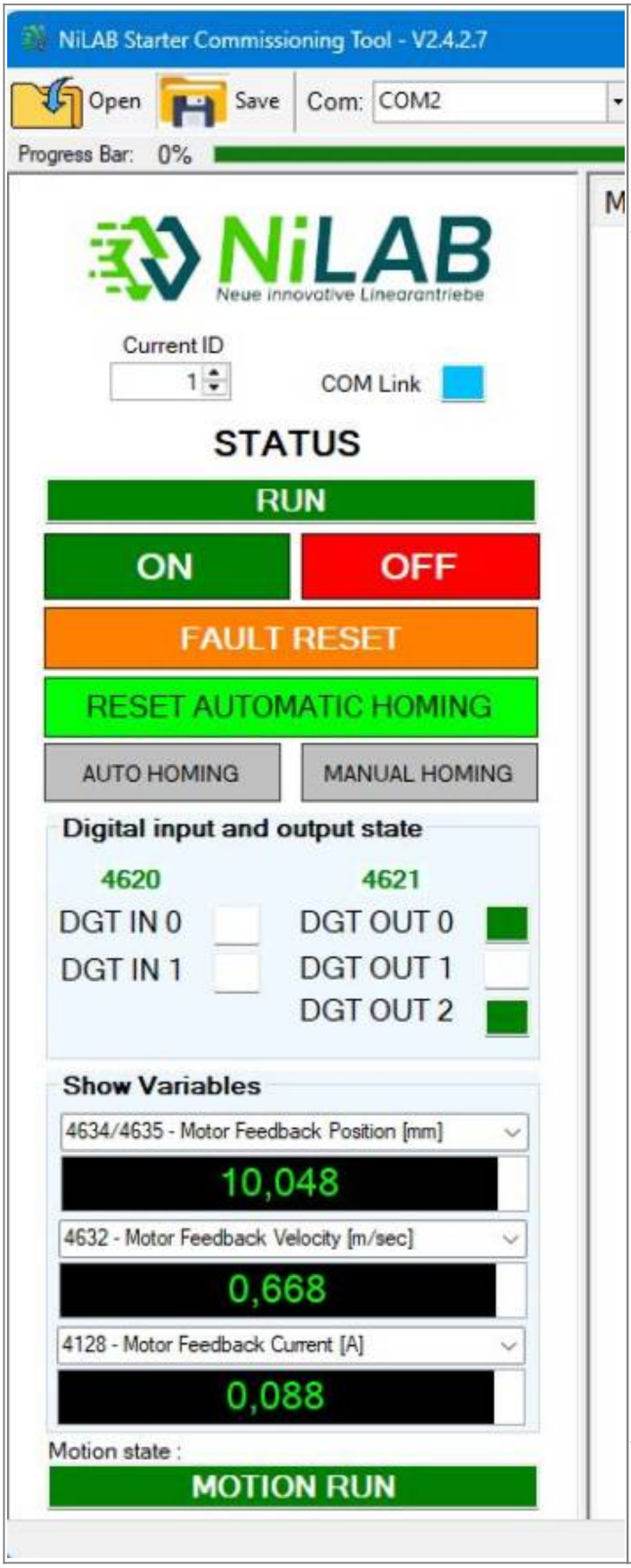
Starter Status Area

The left area of the NILAB Starter is the motor status area window.



On the top of the list we have:
* Current ID ⇒ Modbus address. This can be changed in order to connect to different modbus nodes
* COM LInk LED shows the status and the speed of the serial communicaiton.

The STATUS text shows the current status of the motor. For example READY (Motor is switched-off and ready to be switched-on), RUN (motor switched on).

In the area below we have all the motor controls:
- ON - Motor power on
- OFF - Motor power off
- FAULT RESET - Reset the active fault
- RESET AUTOMATIC HOMING - Reset the homing flag to perform a new automatic homing
- AUTO HOMING - Automatic homing start
- MANUAL HOMING - Set the 0 axis on the current position of the motor slide

Digital input and output state section show the current status of the digital inputs and outputs.

Show variables are 3 configurable numeric variables with this options:
* 4096 - Axis Command Word
* 4608 - Axis Status Word
* 4634/4635 - Motor Feedback Position [mm]
* 4632 - Motor Feedback Velocity [m/s]
* 4128 - Motor Feedback Current [A]
* 4130 - Motor Encoder Sin [Lsb]
* 4131 - Motor Encoder Cosin [Lsb]
* 4132 - Motor Encoder Arctan [Lsb]
* 4631 - Power Dcbus Voltage [V]
* 4630 - Power i2t Value
* 4129 - Power i2t 1sec
* 7 - Motor Drive Temperature [°C]
* 8/9 - Motor Number of Cycles Reached
* 10/11- Motor Trip Distance Traveled [m]
* 5/6 - Motor Drive on Time [sec]
* 4133/4134 - Control Position Target [mm]
* 4135 - Control Speed Target [m/s]
* 4136 - Control Current Target [A]

The MOTION STATE shows the motion machine state value. For example MOTION RUN when the motor is moving, WAITING FOR TRIGGER if the motion controller is waiting for the trigger.

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