

Motion controller

Tabella posizione

La finestra motion controller è usata per specificare le sequenze di movimento. Si basa su tabelle di 10 righe. Ogni riga configura il task di movimento con questi parametri:

Voce
Tipo di movimento: trapezoidale, triangolare, polinomiale, sinusoidale o forza
Posizione target
Tempo di accelerazione, decelerazione e velocità costante a seconda del profilo di movimento usato
Tempo di attesa
Modalità trigger: automatico, fronte di salita, fronte di discesa, livello alto e basso dell'ingresso trigger (Ingresso digitale 1)

OpenSaveCloseCOME

Serial: 38400

Disconnect from MotorDownload to driveUpload from drive

Target: NL120XFW: 428PW:

Progress Bar: 0%

Current ID: 1COM Link

STATUS

READY

ONOFF

FAULT RESET

RESET AUTOMATIC HOMING

AUTO HOMINGMANUAL HOMING

Digital input and output state

4620Motor Feedback Position [mm]

9,979

4621Motor Feedback Velocity [mm/s]

0,000

4128Motor Feedback Current [A]

0,000

Motion state

IDLE

Motion controllerController configurationScopeParameterCommunicationDiagnosticExpertParallel MotionSurveillanceuPLC EditorDump

Motion Table

Modbus Address (dec)

Index	Motion type	Position	A Acceleration time or motion time	B Constant speed time	C Deceleration time	Waiting	Trigger mode
1793 0	Trapezoidal	10,000	50	0	50	100	Auto
1804 1	Trapezoidal	50,000	50	0	50	100	Auto
1815 2	None	0,000	0	0	0	0	
1826 3	None	0,000	0	0	0	0	
1837 4	None	0,000	0	0	0	0	
1848 5	None	0,000	0	0	0	0	
1859 6	None	0,000	0	0	0	0	
1870 7	None	0,000	0	0	0	0	
1881 8	None	0,000	0	0	0	0	
1892 9	None	0,000	0	0	0	0	

Motion control

START MOTION15Homing Done

STOP MOTION1790Tracking0

Modbus SYNC by Register1791Table index0

Modbus Broadcast SYNCModbus Sync Table idx0

Analog Input

4124Analog Input 11,568Volts

123FunctionThermal sensor

180Analog Input 1 offset0,000Volts

121Analog Input 1 Active

182Analog Input 1 Scale1476

Legenda

Value changed and not downloadedValue downloaded / uploaded correctlyLoad/Write motion controller data from/to motor

Motion mode

17921 Maps: 10 positions per map

Motion parameter

Evaluate motion profile

Cycle time400ms

Motion per minute150

Duty motion50%

Digital input and output Configuration

Digital Output0

Drive Enable (active low)

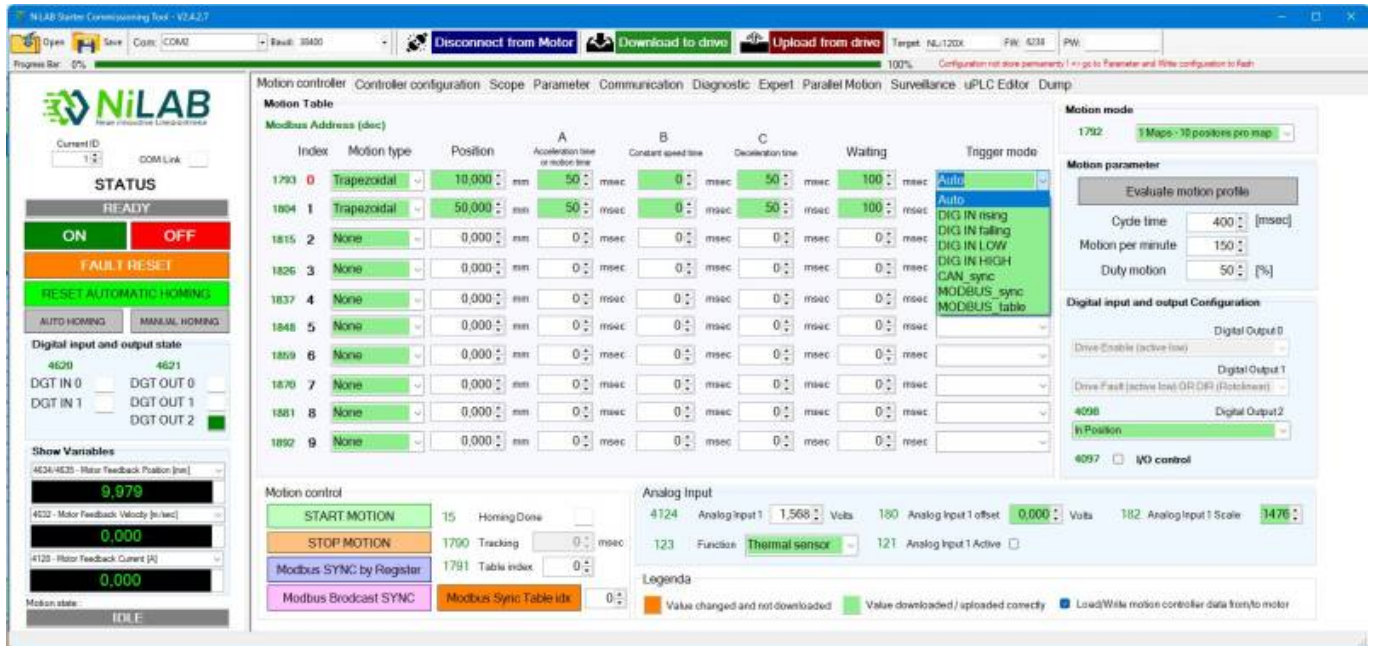
Digital Output1

Drive Fault (active low) OR DIR (Rotational)

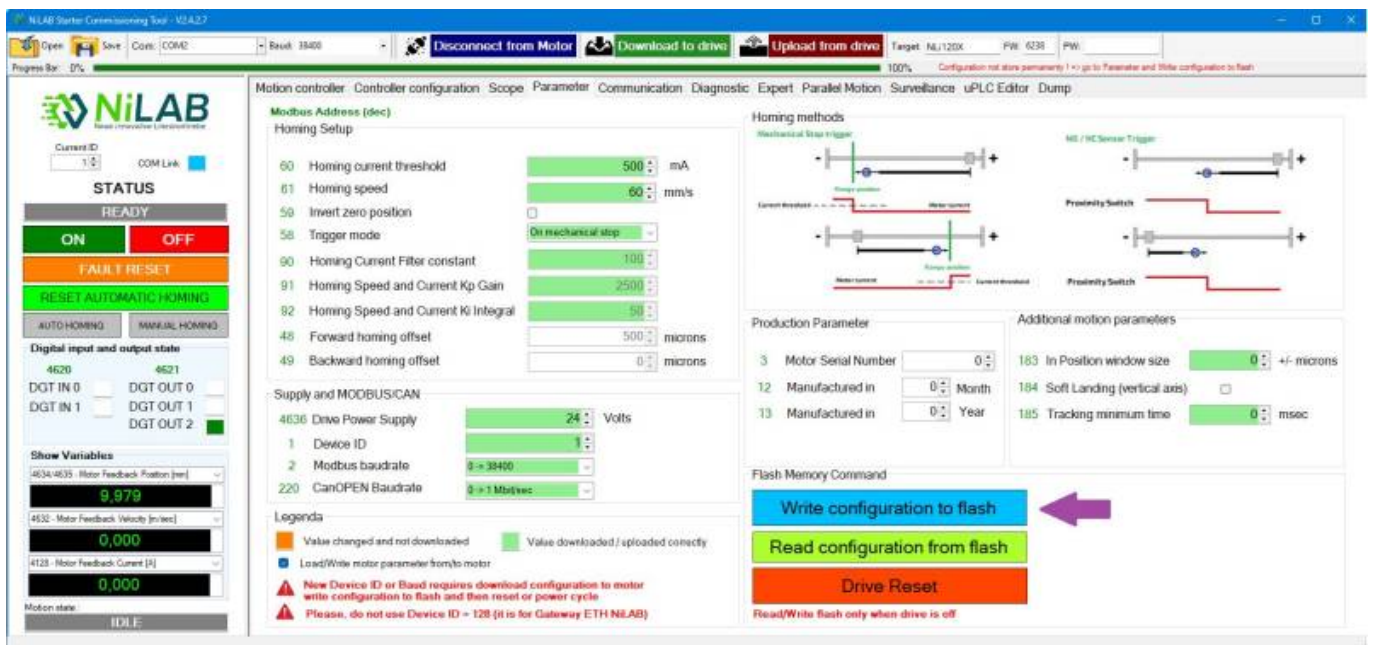
Digital Output2

Position

4097VO control



SI PREGA, PER MEMORIZZARE PERMANENTEMENTE LA CONFIGURAZIONE - PREMERE WRITE CONFIGURATION TO FLASH



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Knowledgebase

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