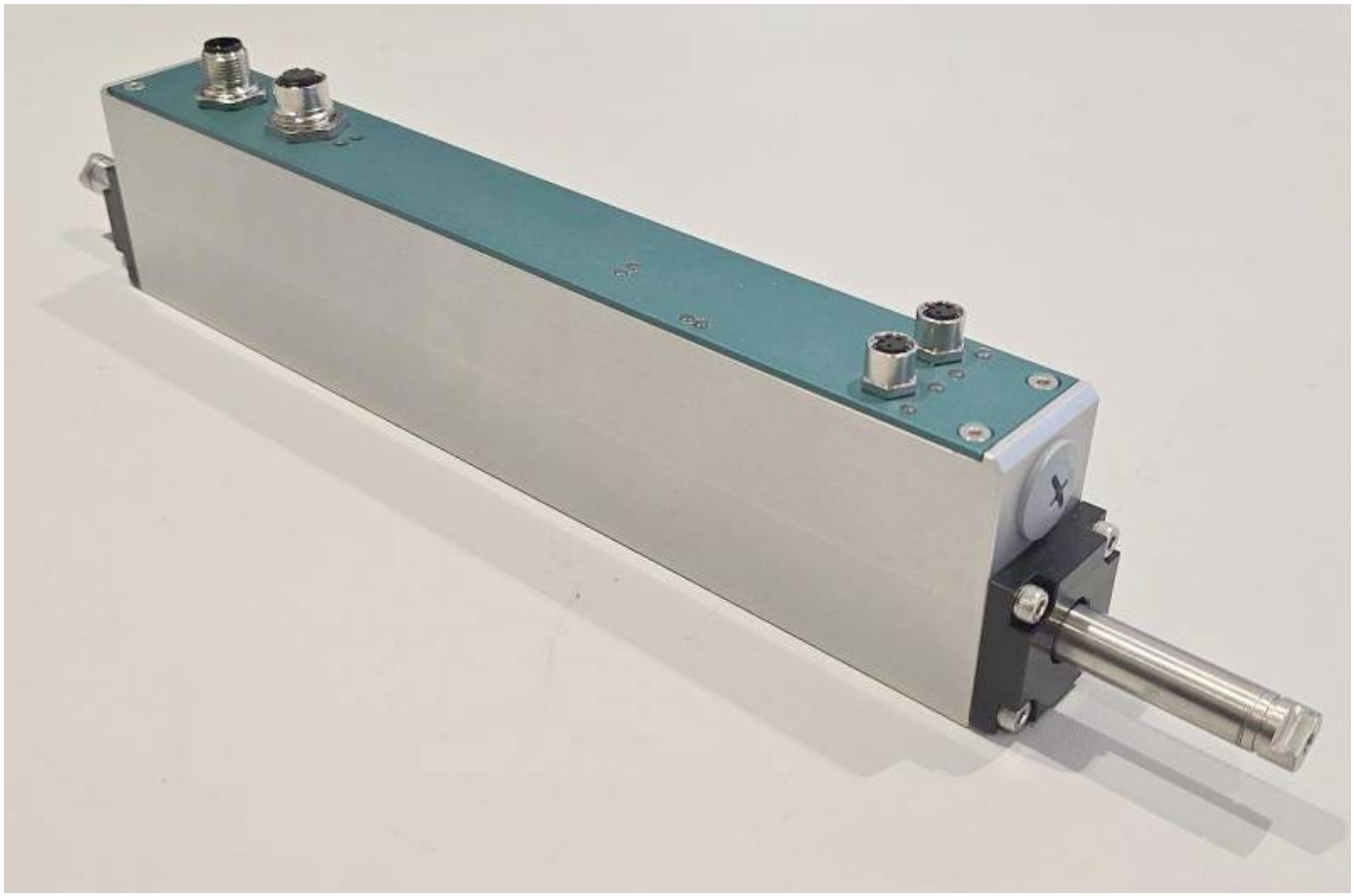
NLi-EtherCAT integrated linear motors

This landing page is the entry point for the **NLi-EtherCAT** product family. The family combines the integrated drive with an EtherCAT interface for motion control.

The NLi EtherCAT series includes a low-voltage servo drive with a power supply of 24/48 VDC. It is programmable via a serial connection and a Modbus RTU protocol. The motor can be controlled by interpolation using the EtherCAT fieldbus.



Features:

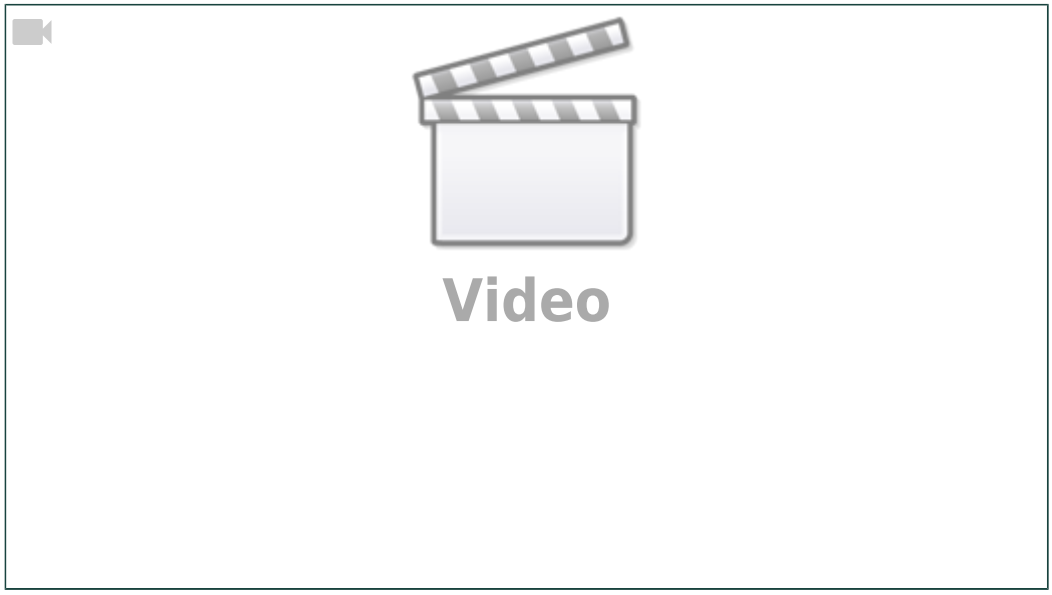
Item
High performance linear motor with integrated drive
Extremely compact form factor
Highly dynamic
Suitable for daisy-chain connections
Low cabling effort

What you will find here

Topic	Page
CANopen over EtherCAT	CoE profile
Safe Torque Off	STO inputs

CODESYS integration	CODESYS
Firmware update	How to update firmware
Connectors	Connectors

Video demonstration



Key characteristics

- Integrated servo drive with EtherCAT (CoE) interface. - 24/48 VDC power supply and Modbus RTU / serial programming. - Interpolation control via the EtherCAT fieldbus. - Compact design, suitable for daisy-chain and low-cabling-effort installations.

From:
https://www.nilab.at/dokuwiki/ - **NiLAB GmbH Knowledgebase**

Permanent link:
https://www.nilab.at/dokuwiki/doku.php?id=en:nli_eth:start

Last update: **2026/09/22 17:57**