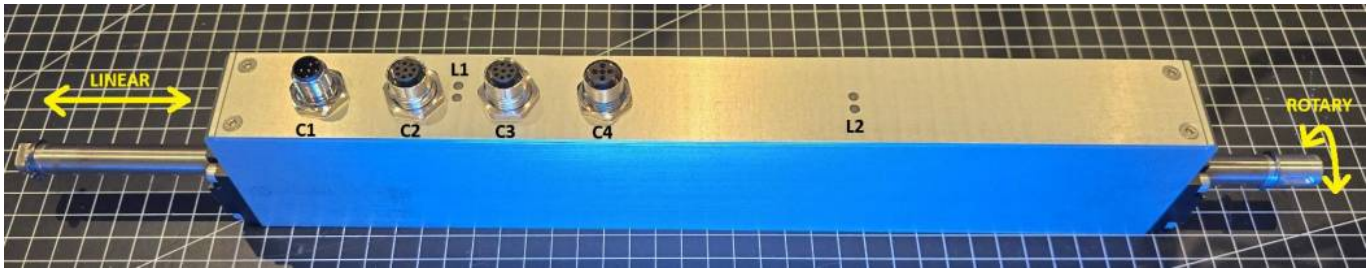
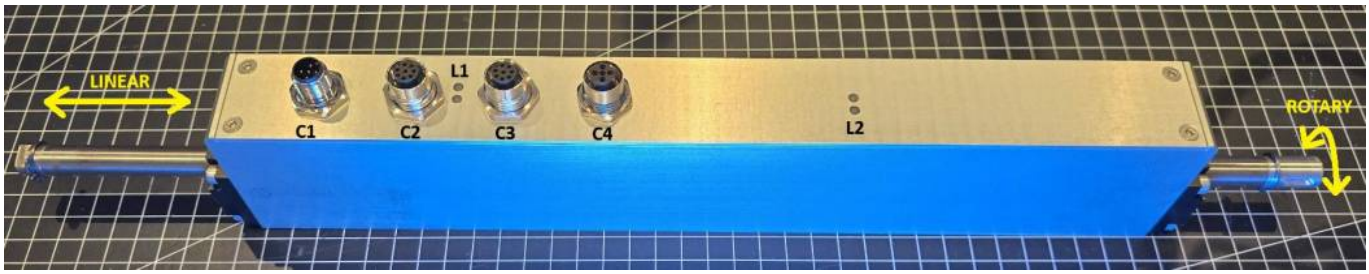
# Connectors




This page describes the **connectors** of the NLiR120Q roto-linear motor.




The roto-linear motor has 3 x M12 connectors (standard version) and 4 x M12 connectors (CANopen version).
L1 and L2 are the status LEDs for the linear and rotary motor.

| Connector | Function | Type |
|---|---|---|
| C1 | Power connector | M12, 5 poles male |
| C2 | Signal connector for linear side | M12, 8 poles female |
| C3 | Signal connector for rotary side | M12, 8 poles female |
| C4 | CANopen connector | M12, 5 poles female |

For the pinout of the connectors on the relative cable, please see:
https://www.nilab.at/dokuwiki/doku.php?id=integrated_drive_motors:connection_system|

## Connection notes

- The standard version has 3 connectors (C1, C2, C3); the CANopen version adds C4. - **C1** is the power connector, **C2** the linear-side signal, **C3** the rotary-side signal. - **L1** and **L2** show the status of the linear and rotary axis. - Use the correct mating connectors and cable types as listed in the accessories page; verify the pinout before connecting.

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

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