



Actuator LA37, LA36 and LA35 with
embedded MODBUS RTU interface
Data sheet

LA37, LA36 and LA35

This RS485 MODBUS RTU option is a serial communication interface between the Actuators and a control system, the MODBUS RTU option is based on existing PCB outlines from the LA37, LA36 and LA35 actuators from LINAK, which means that all the mechanics, features and specifications that we know from LA37, LA36 and LA35 remain untouched.

This MODBUS interface can communicate with a PLC with a MODBUS module.



Features:

- Communicates with all common PLC's with MODBUS module
- Less cable length due to BUS topology
- Everything integrated into the actuator housing
- Well tested limit switches and HALL effect feedback device
- Electronic overload protection prevents damaging of components
- Lowering of the maximum actuator speed is possible
- Featuring Soft-start / Soft-stop which reduces mechanical stress
- Programmable target positions
- One scalable solution for all different sizes of installations going from single-trackers to a multi-tracker string and to multi-string PV parks with the most complex topology architectures
- Less cable length due to BUS topology
- Less number of wires and I/O's due to BUS system
- Reduced installation time due to less cabling and programming
- Ease of commissioning through BUS system
- Less installed power supplies due to sequential actuator movement
- Easy integration with various SCADA systems through its BUS interface
- Integrated "diagnostics" to do preventive maintenance (e.g. current consumption, number of cycles, max. current etc.)
- Remote monitoring of the installation by use of an Ethernet-BUS gateway
- Featuring low power mode
- Maintenance-free solution
- Accurate positioning of your solar panels or mirrors
- Configuration software tool is available, for setting up the actuator.

For connection diagrams ect. - please see the installation guide.

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