



Programming Unit TR-EM-236A

Data sheet

TR-EM-236A

The TR-EM-236A is a programming unit used for changing and copying parameters in Electromen motor controls and for monitoring of dynamic values during operation.

TR-EM-236A makes it easy to look for the right settings and adjustments for the application, and these settings can afterwards with great reliability be loaded into other devices.

TR-EM-236A is convenient for use in instrumentation and also an easy tool to use in production.



Third party product

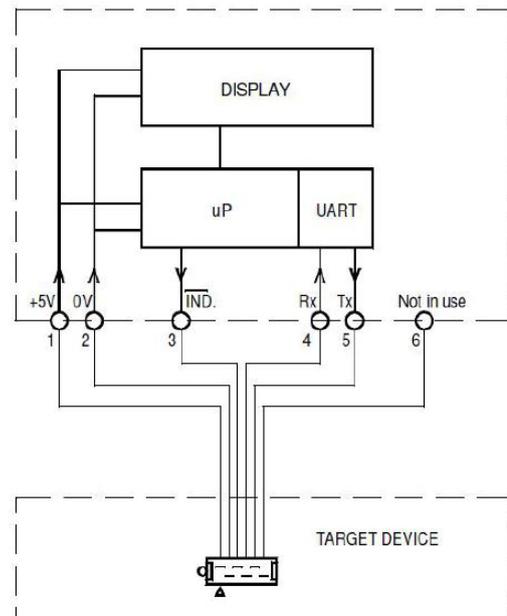
Features:

- Supply: 3-6V / 30mA
- Baud rate: 9600b/s $\pm 10\%$
- Display: 2x16digits, LCD
- Memory: 5 slots, each can store one set of parameters.
- Lead lenght: 23 cm
- Measures: 70x50x20 mm
- Weight: 52 g



The specified product is produced by Electromen OY

Specifications subject to change without prior notice.
It is the responsibility of the product user to determine the suitability of the products for a specific application. LINAK Danmark will at point of delivery replace/repair defective products covered by the warranty if promptly returned to LINAK Danmark. No liability is assumed beyond such replacement/repair.



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FUNCTIONS OF EM-236A

Load & Edit

This will pick up the parameters from the driver unit. Parameters will be displayed and you can scroll and edit those with EM-236A. After editing a value, it will blink three times before it is valid. NOTE. Edited parameter list is only in RAM until you save. After saving (pressing 2sec save button) new edited parameters will be sent to driver unit and stocked in to selected memory slots of the EM-236A Interface unit.

Copy to device

This command will send the parameter list in selected slot in to the driver unit.

Monitor values

This will enable user to monitor some dynamic values during the use of the driver. Monitorable values can be scrolled with arrow -buttons.

Memory

*** Show selected**

From here you can see the parameter list which is stored in the slot which is selected at the time. First you get a message, which slot is selected and for what product the parameters are. Then you are displayed the parameters, which you can scroll through, but not edit until those are saved.

*** Select slot**

Here you choose which one of the 5 memory slots is active. When you save, copy, or go to "Show selected", the operation is referred to the slot you have chosen here.

SAVING

1. In "Load & Edit" press "2sec save" -button. The displayed parameters (edited or not) will be sent to the driver device and saved to the interface units active slot.
2. "Copy to device" will send the parameters that are in the interface units active slot to the driver device.
3. In all other situations, pressing "2sec save" -button will send the parameters from active slot to driver unit.

NOTE: If you by mistake leave from the "Load & Edit" window with out saving the edited parameters. The edits will stay there if you dont do any saving or copying, or you dont un plug the supply. To save edited parameters you have to go back to "Load & Edit" and push "2sec save" button. Then the edited parameters are saved to active slot and sent to the driver device.

START UP

Interface unit is started up by connecting it to a powered driver unit.

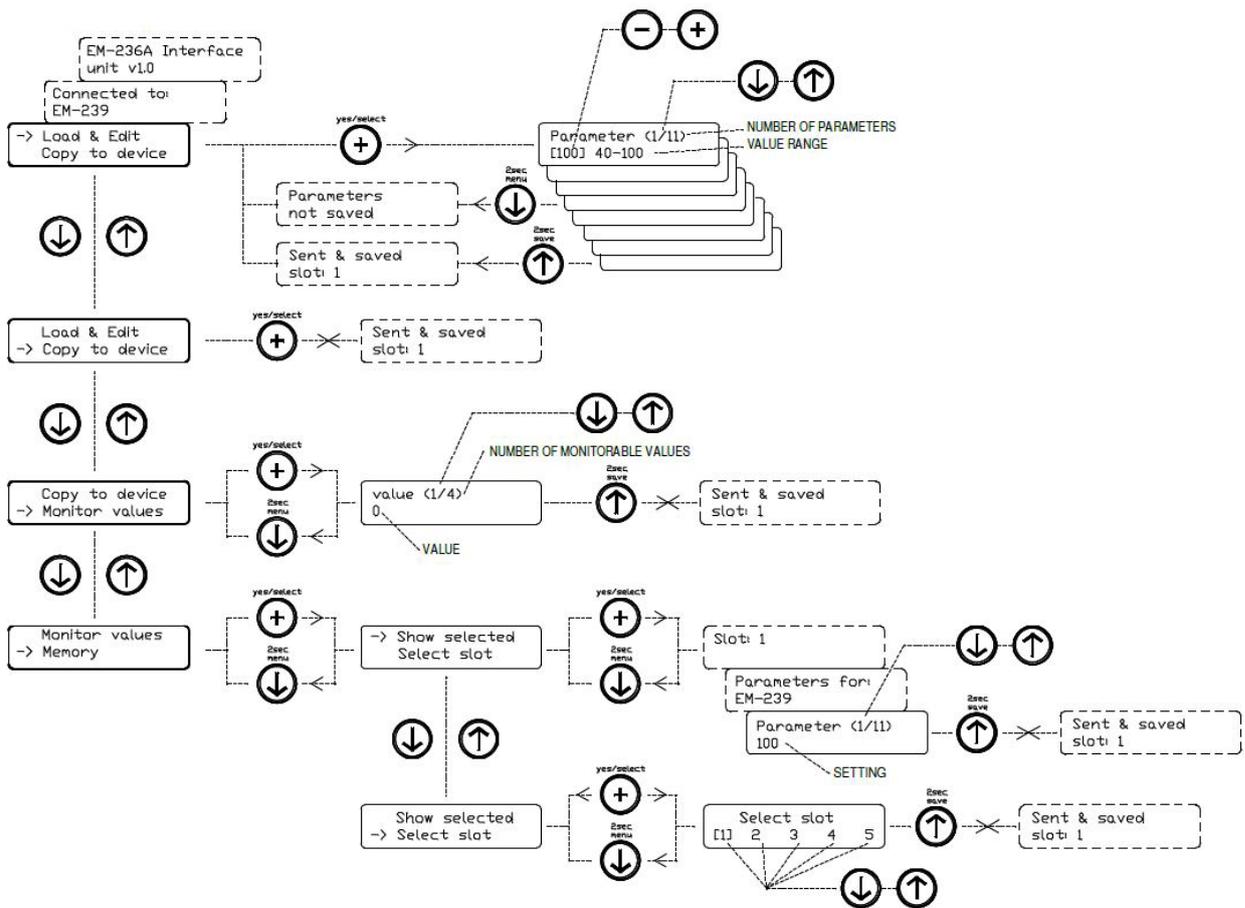


Fig.1. The menu map of EM-236A Interface Unit. Note. This unit is for parameter setting of various products, but in examples we have used the code EM-239 for target device.