





**CALIBRATION OF THE INPUT:** The procedure refers to the measurement and the linearization of the input signal for receiving of internal physical parameter. In parallel, you may adjust the output, too. You need miliammeter, connected in the output circuit and two detrimed standards for the input. Their values are \_\_\_\_\_, or the two end values of the measuring range, described in the technical characteristics, if else is not marked. At thermocuples you have to set voltage standards, corresponding to 0°C at the cold end. Procedure of calibration:

1. The power supply is off, the keypad is unlocked. Press together  $\nabla$  &  $\triangle$  and supply power. After 3s. 1 pulse appears at the output. Release the buttons.
2. The complete digital input range corresponds to the complete digital output range. Set the first standard signal. Their sequence is fixed, if else is not marked, the lower end of the measuring range is first. Wait until the indication stabilizes. Press  $\nabla$  or  $\triangle$  (1 pulse at the output). If adjustment of the output is necessary, the needed indication ca be received by  $\nabla$  or  $\triangle$  and can be confirmed by  $\nabla$  &  $\triangle$  (1 pulse). If you want to keep the existing adjustment of the output the same, press directly  $\nabla$  &  $\triangle$  (1 pulse).
4. Items 2 and 3 must be repeated with the second standard at the input. At exit in operating mode 3 pulses appear. If the output level is not specially specified for the both standards in item 3, the existing output adjustment is kept the same. When the output is not set for the first standard, the device does not give a possibility for adjustment of the output for the second one, but it directly exits to operating mode, and the calibration of the input remains valid.

**CHANGE OF PARAMETERS:** There are three parameters, connected with the filtering of the input parameter and the reaction of the device. At input for thermocouple the filtering can be done after the compensation. The access to the parameters is possible at unlocked keypad. The power supply is off, press and hold together  $\nabla$  &  $\triangle$  and supply voltage. After 3 seconds 1 pulse appears. After another 3s.- 2 pulses, and so on till 4 pulses. After the respective number of pulses release the buttons for access to the selected parameter. The value can be adjusted by the buttons and can be confirmed by  $\nabla$  &  $\triangle$  (1 pulse at the output), and the device exits to operating mode. The memorization of the parameters is being done in more broad format (with 256 statuses), so at second adjustment it is possible to notice a minimum difference from the previous value.

