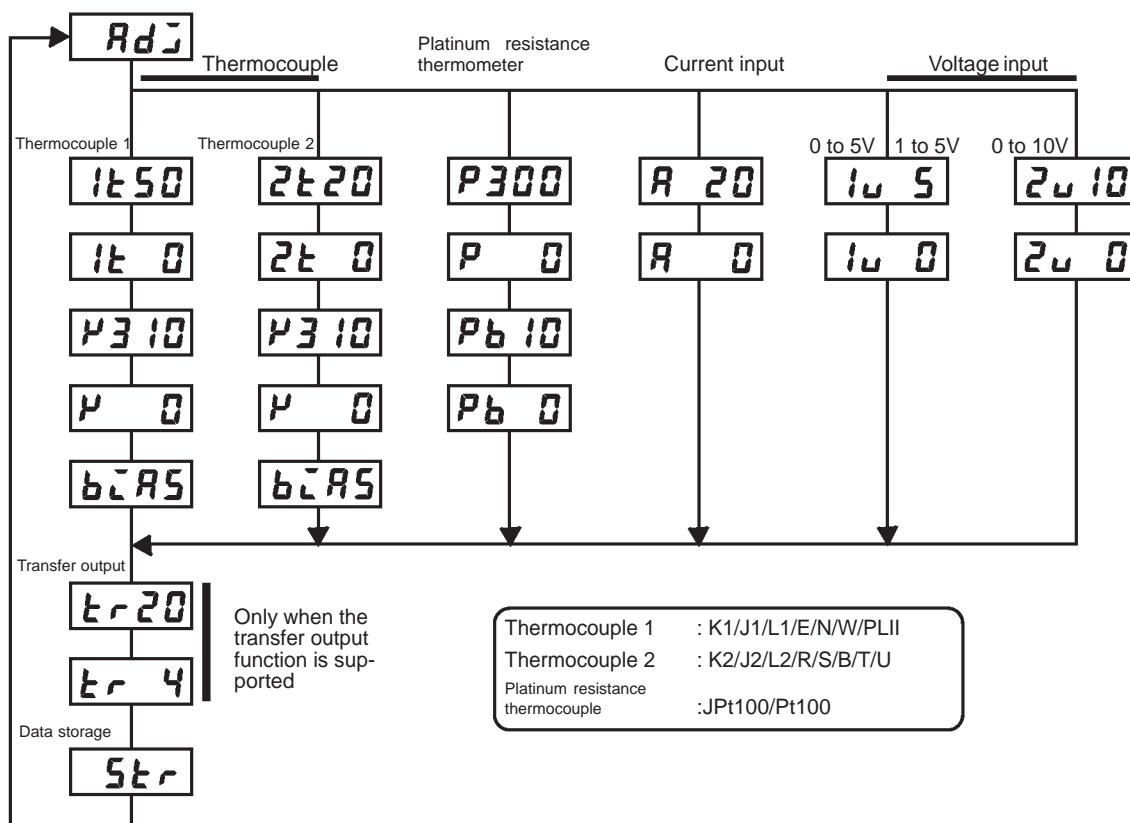


Parameter Structure

- To calibrate the E5EK-T controller, select [**ℰ ℒ ℬ**] in the menu display to select the calibration mode. [**℞ ™ ℰ**] is displayed.
- However, note that [**ℰ ℒ ℬ**] may not be displayed on the menu display when, for example, the user is calibrating the E5EK-T controller for the first time. If this happens, [**ℰ ℒ ℬ**] is displayed by changing the “security” parameter (protect mode) to “0”.
- The parameters in the calibration mode are structure as follows:




- To select the desired parameter, press the **↩** key. Parameters are displayed in the following order:
Calibration of inputs → Calibration of transfer output → Storage of calibration data
If the E5EK-T controller does not support the transfer output function, calibration of transfer output is automatically deleted from the calibration procedure as follows:
Calibration of inputs → Storage of calibration data
- Only inputs that have been set in the “input type” parameter (setup mode) can be calibrated. To temporarily store data for each of the calibration parameters, press the **⏏** key for 1 second.
- Transfer output can be calibrated only when the Communications unit (E53-AKF) is set in the controller. To adjust data items, press the **⏏** or **⏏** keys.
- The data store menu is displayed only when all calibration items have temporarily been stored.
- After calibrating input, you must always check indication accuracy. For details, see Section 7–6 Checking Indication Accuracy.

Calibration item menu



Calibration item
parameter

Process value

- Parameters are displayed on the No.1 display, and the process value is displayed in Hexadecimal on the No.2 display.
- Normally, the process value changes by several digits. The process value flashes, for example, when a sensor error causes the process value to stray from the calibration target range.
- When the process value display is flashing, the process value is not stored as data even if the  key is pressed.

Calibration store mark



Calibration store mark

- Once the E5AK-T controller has been calibrated by the user, [Adj] is displayed preceded by the “.” mark when the calibration mode is next selected.