Terminal/Storage Setting

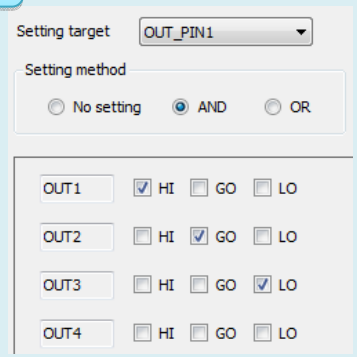
■ Judgment output

Judgment results (HI/GO/LO) of sixteen OUTs can be assigned freely to the terminals from [OUT_PIN1] to [OUT_PIN12].

EX) To turn on terminal [OUT_PIN2] when HI or LO is output from OUT1, 2, or 3.
First, click the [Terminal setting] button and select "OUT_PIN2" as a setting target on the open window.
Next, select "OR" as the setting method and check HI and LO of OUT 1, 2, and 3 to complete the setting. (1)

* The ON/OFF status of judgment output terminals can be easily confirmed on the terminal operation display window.

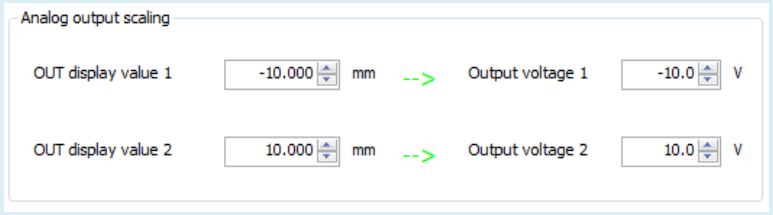
1



■ Analog output

Up to two OUTs can output an analog voltage proportional to the measurement value. Enter relations between the two output values (= OUT display values) and output voltage values to set the scaling.
EX) In the case of (2), ±5 mm are converted into ±10 V, which means that 2 V is output for a 1 mm change.

2



■ Storage

Storage stores profiles and measurement values from each OUT in the internal memory of the controller. (When the power is turned off, stored data will be abandoned.)
Storage data can be read out using the LJ-Navigator2 or communication library.

Terminal/Storage Setting

- When batch measurement is OFF

<Storage target>

"OUT data":

Stores each OUT measurement value at the time any OUT measurement value is updated during the storage period.

"Profile":

Stores a profile and each OUT measurement value at the time the profile is updated during the storage period.

<Storage condition/Number of storage data>

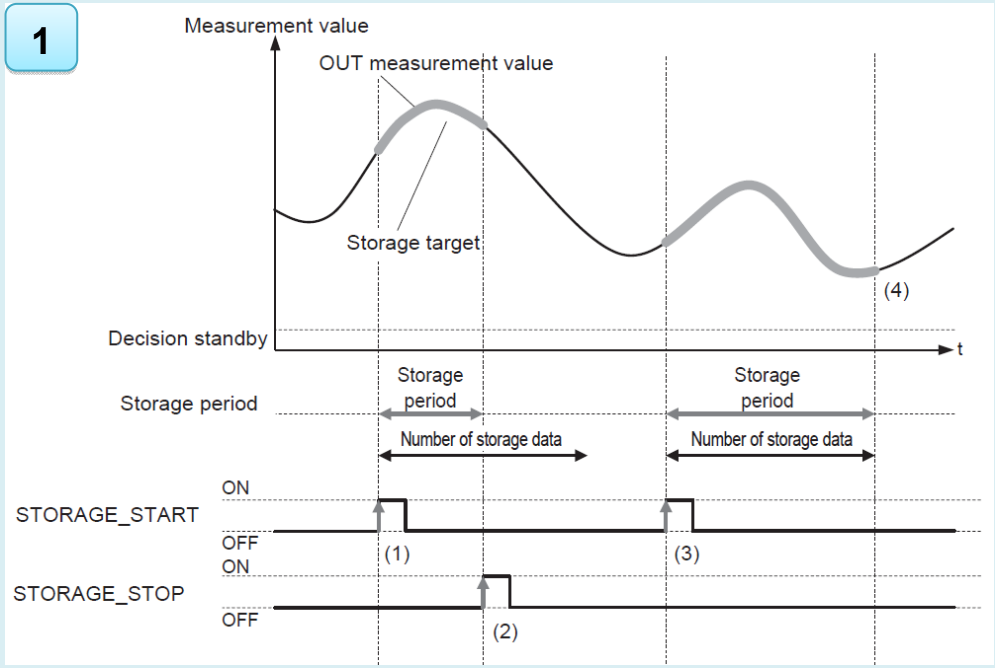
Set how to determine the storage period.

"Terminal/Command": (1)

Controls the storage period with either of the following methods.

- Input terminal [STORAGE_START]/[STORAGE_STOP]
- Communication command (Ethernet/USB/RS-232C)
- The button on the LJ-Navigator2 to start/stop storage
- The operational button in the storage menu on the display monitor

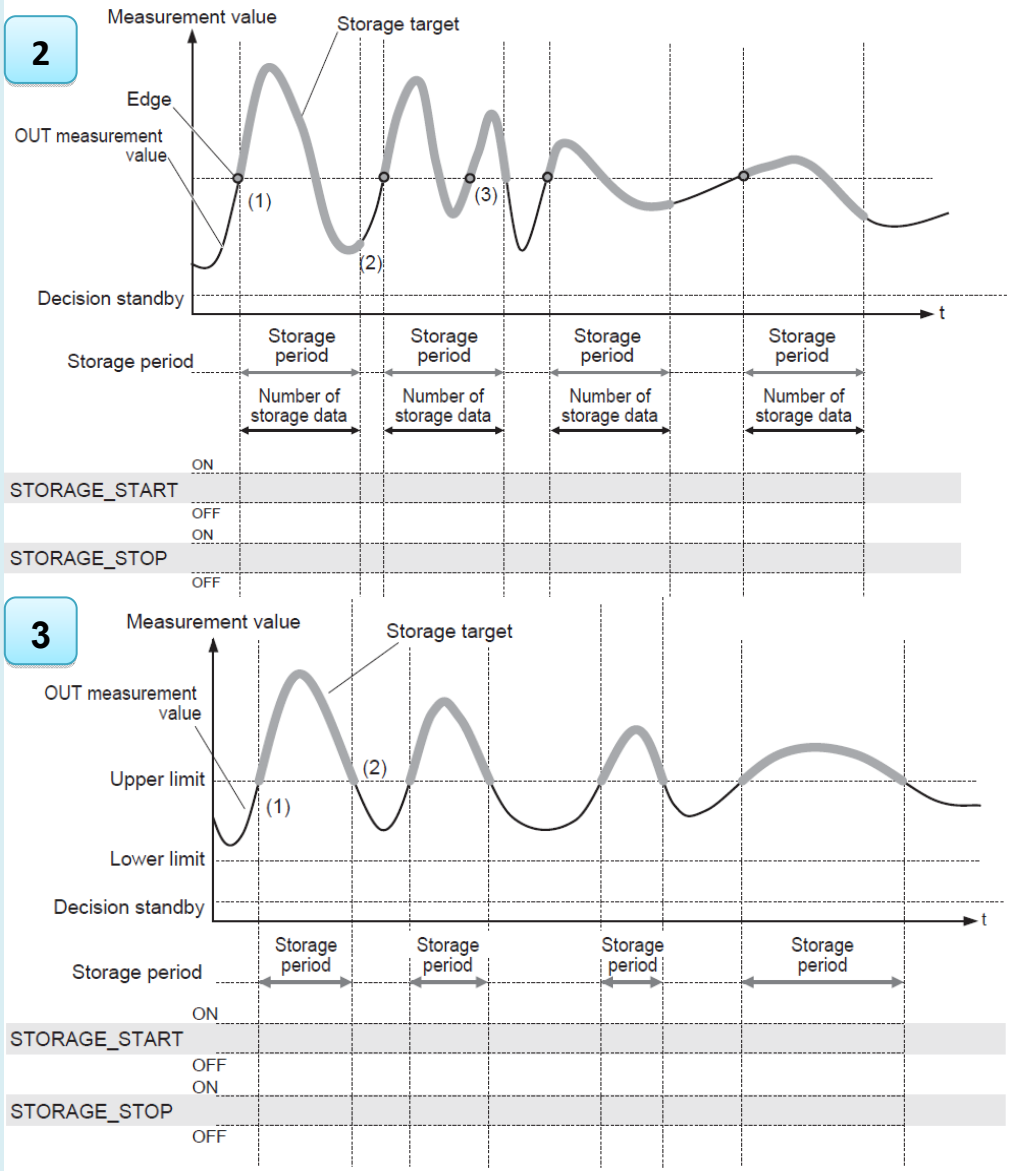
* The storage period automatically ends when the specified number of storage data has been stored.



Terminal/Storage Setting

"OUT data (edge)": (2)
Mainly used when the hold mode is set to "Normal".
Starts the storage period when a target OUT measurement value exceeds (or falls below) a specified edge threshold value.
The storage period ends when the specified number of storage data has been stored.

"OUT data (level)" (3)
Mainly used when the hold mode is set to "Normal".
Continues storage while the target OUT measurement value is above or below a specified upper or lower limit.
This is used effectively to store only abnormal data.



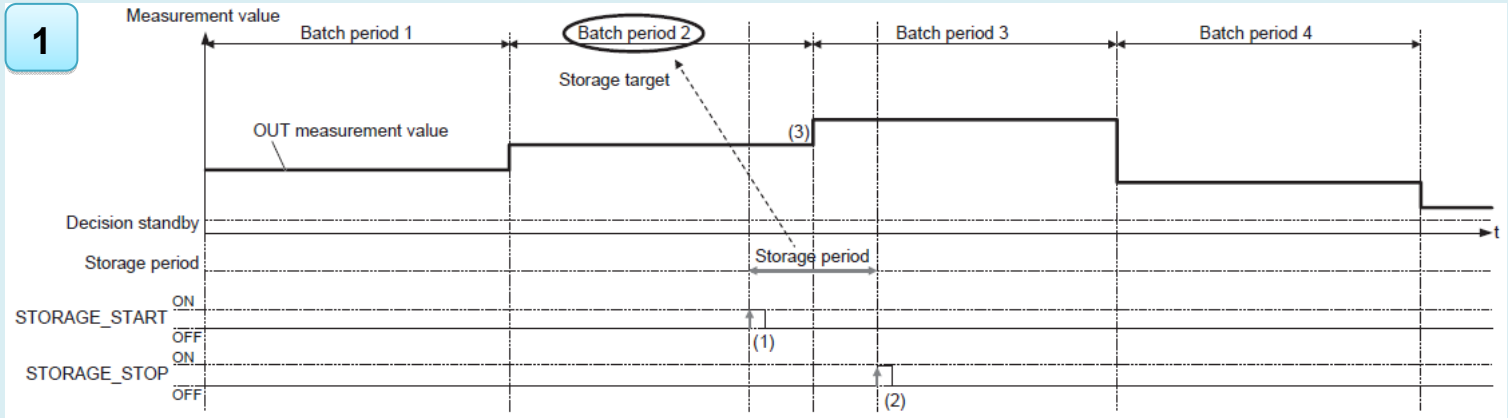
Terminal/Storage Setting

- When batch measurement is ON

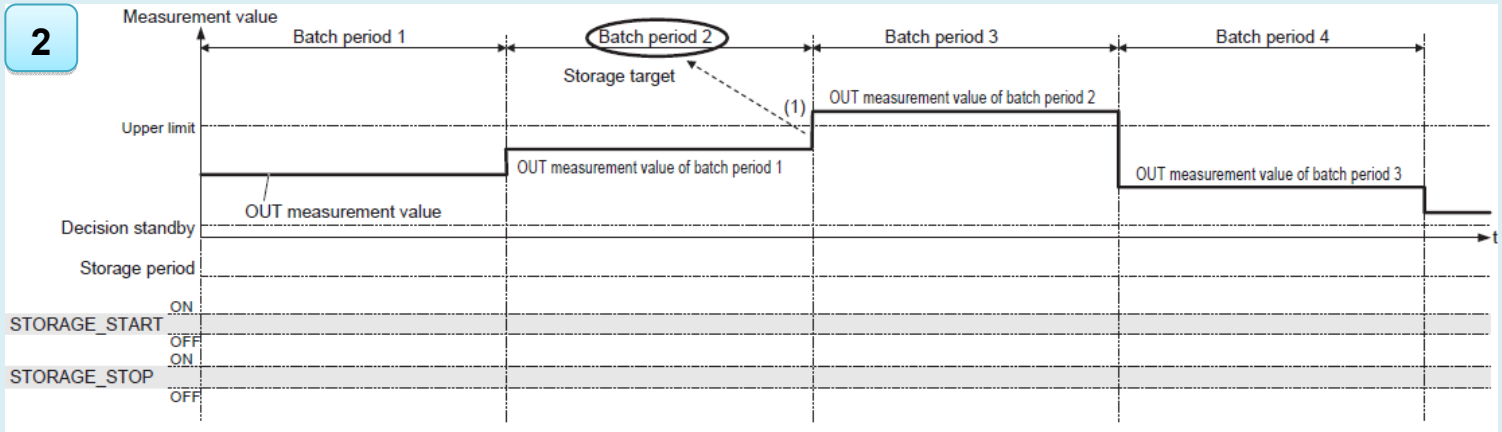
<Storage target>
"OUT data":
Stores one measurement value of each OUT in each batch during the storage period.

"Profile":
Stores the profile and each OUT measurement value by batch at the time the profile is updated during the storage period.

<Storage condition/Number of storage batch>
"Terminal/Command": (1)
The same as when batch measurement is OFF.



"OUT data (level)": (2)
Stores batch data in which a target OUT measurement value is above or below the specified upper or lower limit.
This is used effectively for storing only batch data including abnormal data.



* Storage is actually performed when batch measurement has been completed.