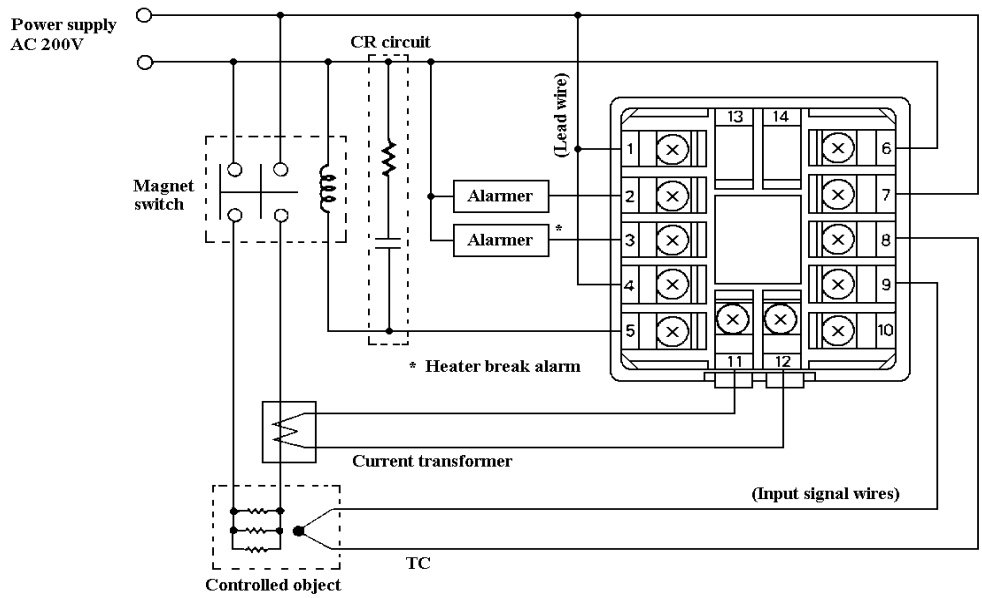
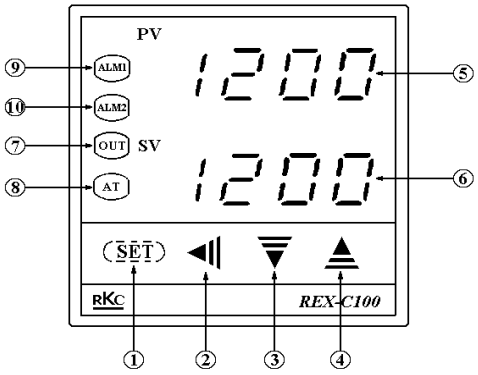
WIRING AND NAME OF PARTS

■ Wiring example

REX-C100FGG-M*-✻2N-HA



1. NAME OF PARTS



① Set (SET) key
- The set-value thus changed is entered
- Parameters in the parameter setting mode are selected in due order.
- Can select PV / SV display mode, SV setting mode, and parameter setting modes.

② Setting digit shift key
- Used when the cursor (brightly lit) is moved to the digit whose number needs to be changed for set-value change.

③ Set-value decrement key
- Used when the number needs to be decreased for set-value change.

④ Set-value increment key
- Used when the number needs to be increased for set-value change.

⑤ Measured-value (PV) display unit [Green]
- Displays measured-value (PV)
- Displays a parameter symbol in the parameter setting mode.

⑥ Set-value (SV) display unit [Orange]
- Displays set-value (SV)
- Displays set-value corresponding to the parameter symbol displayed on the measured-value (PV) display unit.

⑦ Control output (OUT) lamp [Green]
- Lights up when the control output is turned ON.

⑧ Auto-tuning (AT) lamp [Green]
- Flashes during auto-tuning.

⑨ First alarm (ALM1) lamp [Red]
- Lights up when the first alarm is turned ON.
- When a control loop break alarm (LBA) is selected as the first alarm, this lamp lights up.

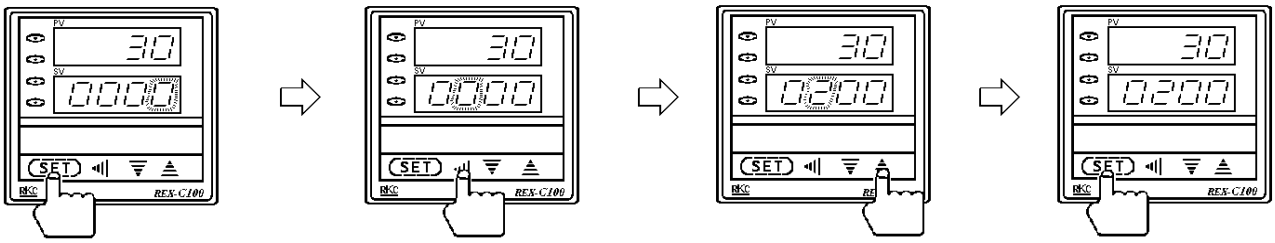
⑩ Second alarm (ALM2) lamp [Red]
- Lights up when second alarm is turned ON.
- When either a heater break alarm (HBA) or control loop break alarm (LBA) is selected as the second alarm, this lamp lights up.

• **Parameter setting procedure**

Setting set-value (SV)

Following is an example of setting the set-value (SV) to 200°C. (PV : 30°C)

① Set to the set mode ② Shift of the digit brightly lit ③ Set-value increase or decrease ④ Set-value entry



Press the SET key to enter the SV setting mode. The digit which lights brightly is settable.

Press the ◂|| key to shift the digit which lights brightly up to the hundreds digit.

Press the ▲ key to set "2".

After finishing the setting, press the SET key. All of the set-value digits light brightly and as a result the Controller returns to the PV/SV display mode.

Set-value increase or decrease Example : When a temperature of 199°C is changed to 200°C.

Press the ◂|| key to shift the digit brightly lit to the least significant digit. Press the ▲ key to change "9" to "0", thereby obtaining 200°C. The same applies to set-value decrease.

Minus (-) value setting Example : For changing 200 to -100.

Press the ◂|| key to shift the digit brightly lit to the hundreds digit. Press the ▼ key to decrement figures in order of 1 0 -1.