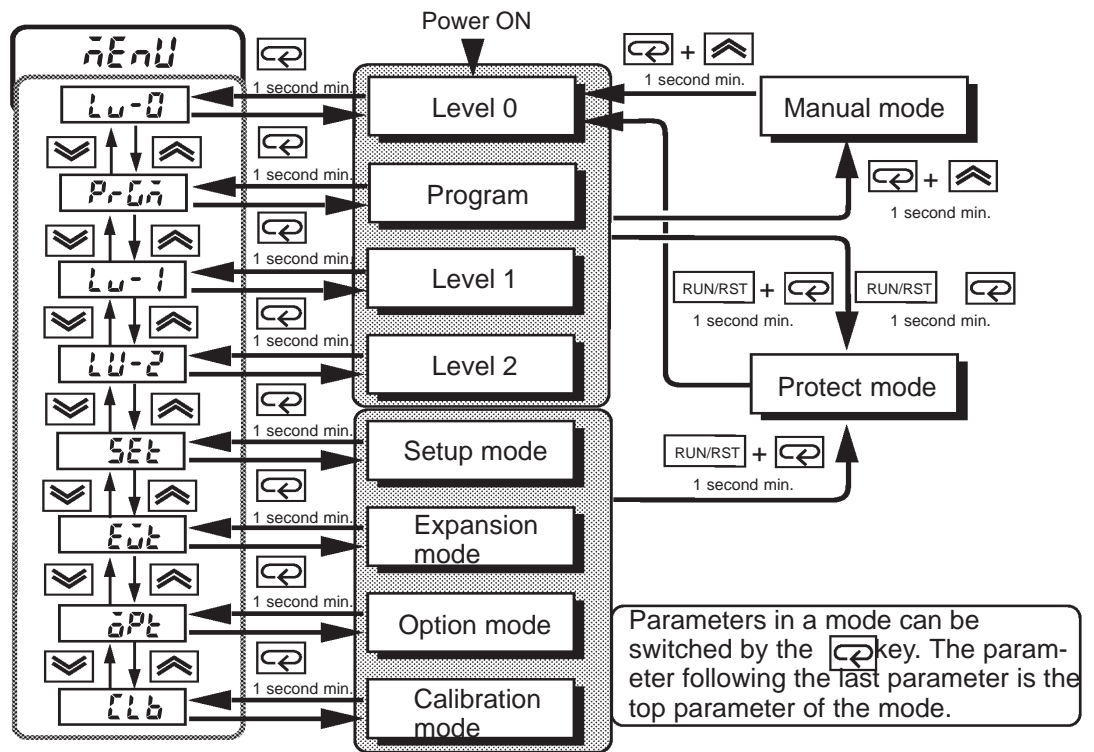


## PARAMETER OPERATIONS LIST

- Switching to modes other than the manual or protect mode is carried out by mode selection in the menu display.
- The figure below shows all parameters in the order that they are displayed. Some parameters are not displayed depending on the protect mode setting and conditions of use.



# Level 0

	PV/Present SP
Pt-n	Pattern No.
StEP	Step No. monitor
Hold	Hold
Adv	Advance
Stb-n	Standby time monitor
ELnE	Pattern elapsing time monitor
rPt-n	Pattern execution count monitor
t-0	MV monitor (heat)
C-0	MV monitor (cool)

# Program

Pt-n	Pattern No.
S-n	Number of steps
SP0 to 7	Step 0 to 7 SP
P-0 to 7	Ramp rate 0 to 7
t-0 to 7	Step 0 to 7 time
SP8 to 15	Step 8 to 15 SP
EL8 to 15	Step 8 to 15 time
rPt	Pattern execution count
AL-1	Alarm value 1
AL-2	Alarm value 2
AL-3	Alarm value 3
tS 15	Time signal 1 enabled step
on 1	Time signal 1 ON time
off 1	Time signal 1 OFF time
tS 25	Time signal 2 enabled step
on 2	Time signal 2 ON time
off 2	Time signal 2 OFF time

# Level 1

At	AT Execute/Cancel
P	Proportional band
I	Integral time
D	Derivative time
C-SL	Cooling coefficient
C-db	Dead band
db	Position-proportional dead band
0F-r	Manual reset value
HYS	Hysteresis (heat)
C HYS	Hysteresis (cool)
CP	Control period (heat)
C-CP	Control period (cool)

1In the rate of rise setting, Target SP 0 to 7 and Soak time 0 to 7.

Level 2	Setup	Expansion
<i>r-l</i> Remote/Local	<i>in-t</i> Input type	<i>SL-H</i> Set point upper limit
<i>Stb</i> Standby time	<i>in-H</i> Scaling upper limit	<i>SL-L</i> Set point lower limit
<i>LbA</i> LBA detection time	<i>in-L</i> Scaling lower limit	<i>EnL</i> PID / ON/OFF
<i>mv-r</i> MV at reset	<i>dP</i> Decimal point	<i>P-on</i> Operation at power ON
<i>mv-E</i> MV at PV error	<i>d-U</i> °C/°F selection	<i>ESEt</i> End condition
<i>oL-H</i> MV upper limit	<i>inLt</i> Parameter initialize	<i>P-no</i> Number of patterns
<i>oL-L</i> MV lower limit	<i>oUt 1</i> Control output 1 assignment	<i>t-U</i> Program time unit
<i>o-rL</i> MV change rate limit	<i>oUt 2</i> Control output 2 assignment	<i>t-P-r</i> Step time/Rate of rise programming
<i>inF</i> Input digital filter	<i>SUb 1</i> Auxiliary output 1 assignment	<i>P-rU</i> Time unit of ramp rate
<i>ALH 1</i> Alarm 1 hysteresis	<i>ALt 1</i> Alarm 1 type	<i>PnSt</i> PV start
<i>ALH 2</i> Alarm 2 hysteresis	<i>AL in</i> Alarm 1 open in alarm	<i>rPAL</i> Alarm during ramp step enable
<i>ALH 3</i> Alarm 3 hysteresis	<i>ALt 2</i> Alarm 2 type	<i>rUnA</i> Run all enable
<i>inSH</i> Input shift upper limit	<i>ALZn</i> Alarm 2 open in alarm	<i>ALFA</i> $\alpha$
<i>inSL</i> Input shift lower limit	<i>ALt 3</i> Alarm 3 type	<i>AL-C</i> AT calculated gain
	<i>ALZn</i> Alarm 3 open in alarm	<i>rEt</i> Automatic return of display mode
	<i>o-rEu</i> Direct/Reverse operation	<i>AL-H</i> AT hysteresis
		<i>LbAb</i> LBA detection width

Option	Calibration
<i>Eu-1</i> Event input assignment 1	For details, refer to Chapter 7 Calibration/7.1 Structure of Parameters" (7-2).
<i>SbLt</i> Communication stop bit	
<i>LEn</i> Communication data length	<b>Manual</b>
<i>PrtY</i> Communication parity	<input type="text"/> Manual MV
<i>bPS</i> Communication baud rate	
<i>U-no</i> Communication unit No.	
<i>t-r-t</i> Transfer output type	<b>Protect</b>
<i>t-r-H</i> Transfer output upper limit	
<i>t-r-L</i> Transfer output lower limit	<i>SECr</i> Alarm 1 open in alarm
	<i>PEYP</i> Alarm 2 type