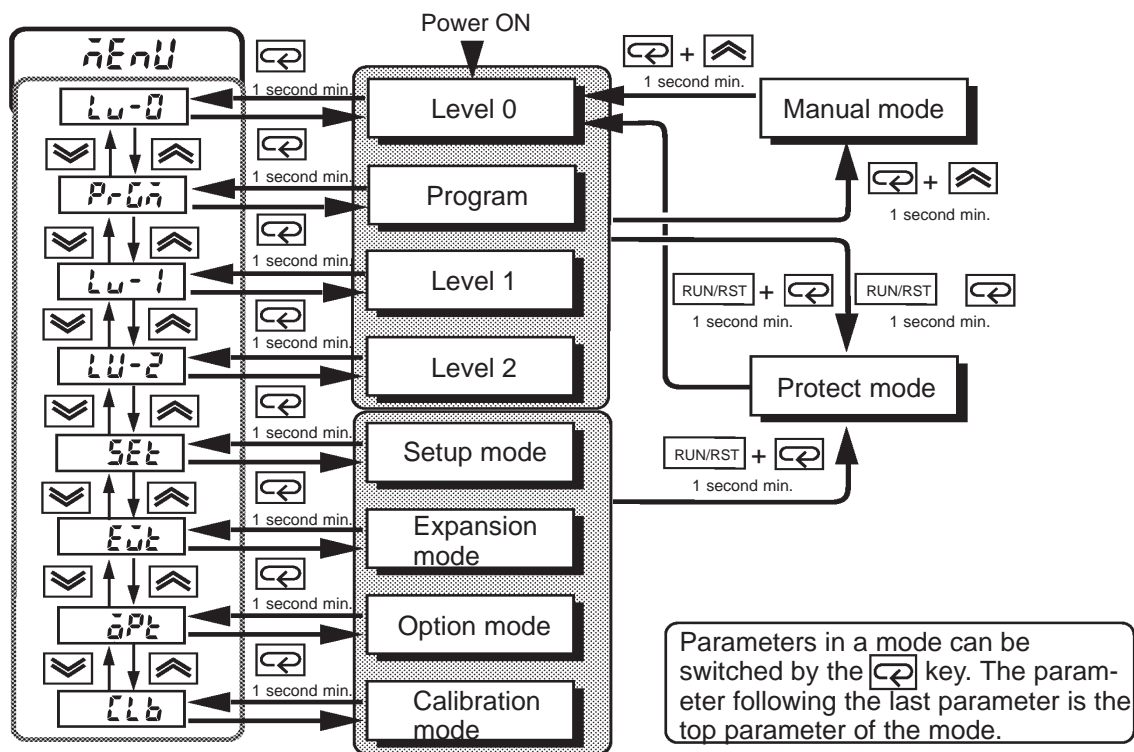


PARAMETER OPERATIONS LIST

- 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	Program	Level 1
PV/Present SP	<i>Ptn</i> Pattern No.	<i>At</i> AT Execute/Cancel
<i>Ptn</i> Pattern No.	<i>S-n</i> Number of steps	<i>P</i> Proportional band
<i>StEP</i> Step No. monitor	<i>SP0-7</i> Step 0 to 7 SP *1	<i>I</i> Integral time
<i>HdLd</i> Hold	<i>Pr0-7</i> Ramp rate 0 to 7 *1	<i>d</i> Derivative time
<i>Adv</i> Advance	<i>tL0-7</i> Step 0 to 7 time	<i>C-Sc</i> Cooling coefficient
<i>Stbñ</i> Standby time monitor	<i>SP8-15</i> Step 8 to 15 SP	<i>C-db</i> Dead band
<i>tLnE</i> Pattern elapsing time monitor	<i>tL8-15</i> Step 8 to 15 time	<i>db</i> Position-proportional dead band
<i>rPtñ</i> Pattern execution count monitor	<i>rPt</i> Pattern execution count	<i>dF-r</i> Manual reset value
<i>d</i> MV monitor (heat)	<i>AL-1</i> Alarm value 1	<i>HYS</i> Hysteresis (heat)
<i>C-d</i> MV monitor (cool)	<i>AL-2</i> Alarm value 2	<i>CHYS</i> Hysteresis (cool)
<i>n-n</i> Valve opening monitor	<i>AL-3</i> Alarm value 3	<i>CP</i> Control period (heat)
	<i>tS1S</i> Time signal 1 enabled step	<i>C-CP</i> Control period (cool)
	<i>dOn1</i> Time signal 1 ON time	<i>Ct</i> Heater current monitor
	<i>dOff1</i> Time signal 1 OFF time	<i>Hb</i> Heater burnout detection
	<i>tS2S</i> Time signal 2 enabled step	
	<i>dOn2</i> Time signal 2 ON time	
	<i>dOff2</i> Time signal 2 OFF time	

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

Level 2	Setup	Expansion
r-l Remote/Local	in-t Input type	SL-H Set point upper limit
Stb Standby time	in-H Scaling upper limit	SL-L Set point lower limit
LbA LBA detection time	in-L Scaling lower limit	EntL PID / ON/OFF
rw-r MV at reset	dP Decimal point	P-on Operation at power ON
rw-E MV at PV error	d-U °C/°F selection	ESEt End condition
oL-H MV upper limit	inLt Parameter initialize	t-U Program time unit
oL-L MV lower limit	oUt 1 Control output 1 assignment	t-Pr Step time/Rate of rise programming
or-L MV change rate limit	oUt 2 Control output 2 assignment	Pr-U Time unit of ramp rate
inf Input digital filter	SUb 1 Auxiliary output 1 assignment	PnSt PV start
oC-H Open/Close hysteresis	SUb 2 Auxiliary output 2 assignment	yt-b Wait width
ALH 1 Alarm 1 hysteresis	ALt 1 Alarm 1 type	rPAR Alarm during ramp step enable
ALH 2 Alarm 2 hysteresis	AL in Alarm 1 open in alarm	rUaA Run all enable
ALH 3 Alarm 3 hysteresis	ALt 2 Alarm 2 type	ALFA α
inSH Input shift upper limit	AL2n Alarm 2 open in alarm	At-G AT calculated gain
inSL Input shift lower limit	ALt 3 Alarm 3 type	rEt Automatic return of display mode
	AL3n Alarm 3 open in alarm	At-H AT hysteresis
	orEu Direct/Reverse operation	LbAb LBA detection width

Option	Calibration
Eu-1 Event input assignment 1	For details, refer to Chapter 7 Calibration/7.1 Structure of Parameters" (page 7-2).
Eu-2 Event input assignment 2	
SbLt Communication stop bit	Manual
LEn Communication data length	
Prty Communication parity	<input type="checkbox"/> Manual MV
bPS Communication baud rate	Protect
U-no Communication unit No.	
tr-t Transfer output type	
tr-H Transfer output upper limit	SECr Alarm 1 open in alarm
tr-L Transfer output lower limit	PEYP Alarm 2 type
HbL HBA latch	
CALb Motor calibration	
not Travel time	
P-db PV dead band	