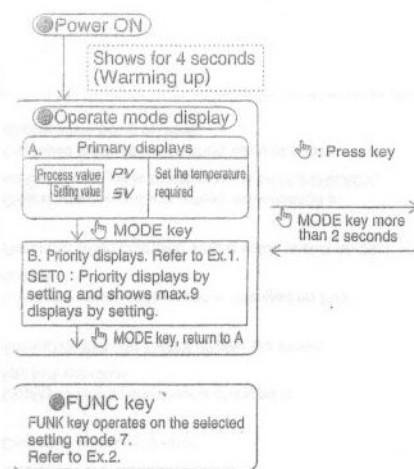




Ex.1. Priority displays & its setting

This function is to shift the most essential screens on setting mode into operation mode as a priority. Please select priority displays through priority display setting.

eg.: [Basic display]-[Output 1 manipulated value]
[Setting high limit for event Output 1]

* Screen is shifted when pressing mode key each time.

Ex.2. FUNC key work

This function is to enable FUNC key to use as a specific key, for the following actions selected in FUNC key setting belonged to setting mode.

1. Digit shift
Setting digit shift is enabled when setting value is changed.
2. RUN/READY
Control stop (READY) and control performance (RUN) are alternately switched every time FUNC key is pressed. (READY lamp is ON during control stop)
3. Auto-Tuning (AT)
AT starts instantly after pressing FUNC key. (Start/Reset operation is available, each time FUNC key is pressed)
4. Timer
Available for start/reset.

Ex.3. To select PID

Feature of type A and B

Type A Ordinary PID

Type B Over shoot protection PID

If control is unstable under self-tuning, please change to type A or B and also to ON/OFF control.

Ex.4. ARW

Anti-reset wind-up take effect for overshooting by over-integral of PID control action.

*ARW controls integral action(PV accords with SV).

*If integral value goes down, it takes effects.

If integral value is set "0", it stops integral action.

Table1. To select input sensors and setting range. unit: °C

Symbol	Low limit~High limit	0.0 Setting
00 K Thermocouple	200~1372	199.9~990.0
01 J	200~850	199.9~850.0
02 R	0~1700	-
03 T	200~400	199.9~390.0
04 N	200~1300	199.9~990.0
05 S	0~1700	-
06 B	0~1800	-
10 Pt100	199~500	199.9~500.0
11 JPt100	199~500	199.9~500.0
20 DC0-5V	1999~9999	199.9~999.9
		19.99~99.99
		1.999~9.999
21 DC1-5V	1999~9999	199.9~999.9
		19.99~99.99
		1.999~9.999
22 DC4-20mA	1999~9999	199.9~999.9
		19.99~99.99
		1.999~9.999

* Either thermocouple or R.T.D. (Pt 100/JPt 100) is selectable for input type, by pressing the front key.

* Either "B" or "P" is optional.

* A (Event 1): Single alarm is provided in the standard specifications.

Conformed Standards

Safety: EN61010-1(IEC1010-1)

EMI: EN50081-2

EMS: EN50082-2

UL3121-1(UL/CUL)

