

# Model and Suffix Code

Specifications	Model and Suffix Code															
Model	C100 (48 x 48mm size) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> - <input type="checkbox"/> <input type="checkbox"/> * <input type="checkbox"/> <input type="checkbox"/> C400 (48 x 96mm size) C410 (96 x 48mm size) C700 (72 x 72mm size) C900 (96 x 96mm size)															
Control method	PID control with AT (reverse action) PID control with AT (direct action) Heat/cool PID with AT (Water cooling type) • Except REX-C100 *1 Heat/cool PID with AT (Air cooling type) • Except REX-C100 *1							F								
Input type	See range and input code table															
Scale range	See range and input code table															
Control output (OUT1)	Relay contact output Voltage pulse output DC current output : 4 to 20mA *2 Triac trigger output *3							M								
Control output (OUT2)	Control action : F, D Relay contact output Voltage pulse output DC current output : 4 to 20mA							V							No symbol	
Alarm 1	No alarm See alarm code							N								
Alarm 2	No alarm See alarm code														N	

**Note**

- \*1 Triac trigger output and LBA are not available on heat/cool type.
- \*2 HBA is not available if current output is specified.
- \*3 Alarm 2 is not available for REX-C100 if triac trigger output is specified.

• For CE marked, UL approved and CSA certified products, please add the suffix of "CE" to the end of the model code.

## Range and input code table

### Thermocouple input

Input	Code	Range
K	K 01	0 - 200°C
	K 02	0 - 400°C
	K 03	0 - 600°C
	K 04	0 - 800°C
	K 05	0 - 1000°C
	K 06	0 - 1200°C
	K 07	0 - 1372°C
	K 13	0 - 100°C
	K 14	0 - 300°C
	K 20	0 - 500°C
	K A1	0 - 800°F
	K A2	0 - 1600°F
	K A3	0 - 2502°F
	K A9	20 - 70°F
J	J 01	0 - 200°C
	J 02	0 - 400°C
	J 03	0 - 600°C
	J 04	0 - 800°C
	J 05	0 - 1000°C
	J 06	0 - 1200°C
	J A1	0 - 800°F
	J A2	0 - 1600°F
J A3	0 - 2192°F	
J A6	0 - 400°F	
R	R 01	0 - 1600°C
	R 02	0 - 1769°C
	R 04	0 - 1350°C
	R A1	0 - 3200°F
	R A2	0 - 3216°F
S	S 01	0 - 1600°C
	S 02	0 - 1769°C
	S A1	0 - 3200°F
	S A2	0 - 3216°F
B	B 01	400 - 1800°C
	B 02	0 - 1769°C
	B A1	800 - 3200°F
B A2	0 - 3308°F	

Input	Code	Range
E	E 01	0 - 800°C
	E 02	0 - 1769°C
	E A1	0 - 1600°F
K	E A2	0 - 1832°F
	N 01	0 - 1200°C
	N 02	0 - 1300°C
T	N A1	0 - 2300°F
	N A2	0 - 2372°F
	T 01	-199.9 - 400.0°C
	T 02	-199.9 - 100.0°C
	T 03	-100.0 - 200.0°C
	T 04	0.0 - 350.0°C
	T A1	-199.9 - 752.0°F
	T A2	-100.0 - 200.0°F
	T A3	-100.0 - 400.0°F
	T A4	0.0 - 450.0°F
W5Re W26Re	T A5	0.0 - 752.0°F
	W 01	0 - 2000°C
	W 02	0 - 2320°C
PL II	W A1	0 - 4000°F
	A 01	0 - 1300°C
	A 02	0 - 1390°C
U	A 03	0 - 1200°C
	A A1	0 - 2400°F
	A A2	0 - 2534°F
	U 01	-199.9 - 600.0°C
	U 02	-199.9 - 100.0°C
	U 03	0.0 - 400.0°C
L	U A1	-199.9 - 999.9°F
	U A2	-100.0 - 200.0°F
	U A3	0.0 - 999.9°F
L	L 01	0 - 400°C
	L 02	0 - 800°C
L	L A1	0 - 800°F
	L A2	0 - 1600°F

### RTD input

Input	Code	Range
Pt100	D 01	-199.9 - 649.0°C
	D 02	-199.9 - 200.0°C
	D 03	-100.0 - 50.0°C
	D 04	-100.0 - 100.0°C
	D 05	-100.0 - 200.0°C
	D 06	0.0 - 50.0°C
	D 07	0.0 - 100.0°C
	D 08	0.0 - 200.0°C
	D 09	0.0 - 300.0°C
	D 10	0.0 - 500.0°C
	D A1	-199.9 - 999.9°F
	D A2	-199.9 - 400.0°F
	D A3	-199.9 - 200.0°F
	D A4	-199.9 - 100.0°F
	D A5	-100.0 - 300.0°F
	D A6	0.0 - 100.0°F
	D A7	0.0 - 200.0°F
D A8	0.0 - 400.0°F	
D A9	0.0 - 500.0°F	
JPt100	P 01	-199.9 - 649.0°C
	P 02	-199.9 - 200.0°C
	P 03	-100.0 - 50.0°C
	P 04	-100.0 - 100.0°C
	P 05	-100.0 - 200.0°C
	P 06	0.0 - 50.0°C
	P 07	0.0 - 100.0°C
	P 08	0.0 - 200.0°C
	P 09	0.0 - 300.0°C
	P 10	0.0 - 500.0°C

### Voltage and Current input

Input	Code	Range
0 - 5V DC	4 01	0.0 - 100.0 (Fixed)
1 - 5V DC	6 01	0.0 - 100.0 (Fixed)
0 - 20mA DC	7 01	0.0 - 100.0 (Fixed)
4 - 20mA DC	8 01	0.0 - 100.0 (Fixed)

\* Type B input : Accuracy is not guaranteed between 0 and 399°C (0 and 799°F)

## Alarm code

Code	Type
A	Deviation High
B	Deviation Low
C	Deviation High - Low
D	Deviation Band
E	Deviation High with hold
F	Deviation Low with hold
G	Deviation High/Low with hold

Code	Type
H	Process High
J	Process Low
K	Process High with hold
L	Process Low with hold
R	Loop break alarm (LBA)
P	Heater break alarm (CTL-6P-N [30A])
S	Heater break alarm (CTL-12-S56-10L-N [100A])

## Supply voltage

100 - 240V AC  
24V AC  
24V DC