

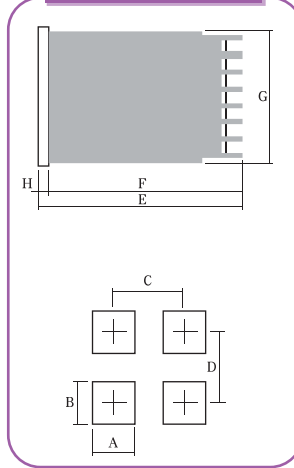
# Temperature Controller



### SPECIFICATION

LED Size	96*96mm 0.8"
	96*96mm 0.56"
	72*72mm 0.36"
	48*96mm 0.52"
	48*48mm 0.39"
Control Mode	ON-OFF Proportional
Input	K(CA), J(IC), PT100Q(RTD), R(PR)
Output	Relay Output Voltage Output(SSR/ DC 0-12V)
Accuracy	±1°C Full Scale
Proportional Band	±2.5% Full Scale
Cycle Time	Relay: 10 sec. Voltage: 3sec.
Ambient Temperature	-10~50°C
Power Supply	AC110/220V, 220/380V
Power Consumption	(SG-414/487 AC85~265V) Approx.5w

### External Dimensions



### MODEL

### CODE

**KE - 612 / 400 / K O R**

①                      ②                      ③                      ④                      ⑤                      ⑥

① <b>SERIES</b> SG KE	② <b>MODEL NUMBER</b> REFER MODEL TYPE	③ <b>DISPLAY &amp; RANGE</b> REFER MODEL TYPE
④ <b>CONTROL</b> K(CA) J(IC) PT(RTD) R(PR)	⑤ <b>INPUT</b> ON-OFF PROPORTIONAL	⑥ <b>OUTPUT</b> R RELAY SSR SSR 4-20mA(642/671)

Dim.	A	B	C	D	E	F	G	H
96 x 96 mm	91	91	106	111	115	101	91	14
72 x 72 mm	67	67	82	87	110	101	67	9
48 x 96 mm	45	91	58	111	115	101	91	14
48 x 48 mm	45	45	58	63	95	81	45	14

## FEATURES

- Various Input Type and Valtage, Current Output, accord with different demands.
- Varips Display and Set up mode.
- Can switch over and use ON-OFF or Proportional control.
- The function is operated simple and easily
- Sturdy and duable accord, with the economic benefits.

### KE-SERIES

Set Point	Knob Setting				Knob Setting		Non-Setting
Process Indication	Non-indicator	Deviation meter	Full indication	3 ½ Digit LED Display	Deviation meter	3 ½ Digit LED Display	3 ½ Digit LED Display
96*96mm	KE-612	SG-622	KE-632	KE-642	KE-761	KE-671	KE-681
72*72mm	KE-714	SG-724		KE-742	KE-861	KE-771	
96*48mm						KE-871	

### SG-SERIES

Set Point	Knob Setting				Knob Setting		Non-Setting
Process Indication	Non-indicator	Deviation meter	Full indication	3 ½ Digit LED Display	Deviation meter	3 ½ Digit LED Display	3 ½ Digit LED Display
96*96mm	KE-612	SG-622	KE-632	KE-642	KE-761	KE-671	KE-681
72*72mm	KE-714	SG-724		KE-742	KE-861	KE-771	
96*48mm						KE-871	
48*48mm							

Input	K, J, PT100						
Range	0-100°C	0-100°C	0-100°C	0-100°C	0-99.9°C	0-99.9°C	0-100°C
	0-200°C	0-200°C	0-200°C	0-200°C	0-199°C	0-199°C	0-200°C
	0-400°C	0-400°C	0-400°C	0-400°C	0-399°C	0-399°C	0-400°C
	0-600°C	0-600°C	0-600°C	0-600°C	0-599°C	0-599°C	0-600°C
	0-1200°C	0-1200°C	0-1200°C	0-1200°C	0-999°C	0-999°C	0-1200°C