

Temperature Controllers

溫度控制器



Features

- Various Input Type and Valtage · Current Output · Accord with different demands .
- Various 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 .

Model & Suffix codes

Model	Code
KE- 612	/ 400 / K O R
1 2	3 4 5 6

- ① Series SG KE Refer Model Table
- ② Model no. Refer Model Table
- ③ Display & Range Refer Model Table
- ④ Input K(CA) J(IC) PT(RTD) R(PR)
- ⑤ Control O ON-OFF P Proportional
- ⑥ Output R Relay SSR SSR 4-20mA(642/671)

Specifications

LED size	96 x 96 mm 0.8" (SG-325/SG-525) 96 x 96 mm 0.56" 72 x 72 mm 0.36" 48 x 96 mm 0.52" 48 x 48 mm 0.39"
Control Mode	ON-OFF Proportional
Input	K(CA), J(IC), PT100Ω(RTD), R(PR)
Output	Relay Output Voltage Output (SSR / DC 0-12V)
Accuracy	±1°C Full Scale
Propotional Band	±2.5% Full Scale
Cycle Time	Relay : 10 sec. Voltage : 3 sec.
Ambient Temp.	-10~50°C
Power supply	AC 110/220V、220/380V (SG-414/487 AC 85~265V)
Power Consumption	Approx. 5W

External dimensions

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

Model

KE Series							
Set Point	Knob Setting				Analog 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 x 96 mm	KE-612	KE-622	KE-632	KE-642	KE-761	KE-671	KE-681
72 x 72 mm	KE-714	KE-724		KE-742	KE-861	KE-771	
96 x 48 mm					KE-861	KE-871	
SG Series							
Set Point	Knob Setting				Analog 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 x 96 mm	SG-612	SG-622	SG-632	SG-642	SG-661	SG-671	SG-681
72 x 72 mm	SG-714	SG-724		SG-742	SG-761	SG-771	
96 x 48 mm					SG-861	SG-871	SG-881
48 x 48 mm	SG-414					SG-487 (3 digit)	
Input	K, J, Pt100Ω						
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

