

TEMPERATURE CONTROLLER



MODEL	JH-96 SERIES	JH-72 SERIES	JH-86 SERIES	JH-6830	JH-48 SERIES	
DIMENSION	96mm×96mm	72mm×72mm	48mm×96mm	96mm×48mm	48mm×48mm	
PANEL CUTOUT	90.5mm×90.5mm	66.5mm×66.5mm	43.0mm×91.5mm	91.5mm×43.0mm	45.9mm×45.9mm	
INPUT	K, J, R PT 100 Ω (DIN/JIS) 4-20 mA	K, J, PT 100 Ω (DIN/JIS) 4-20 mA	K, J, PT 100 Ω (DIN/JIS) 4-20 mA	K, J, R PT 100 Ω (DIN/JIS) 4-20 mA	K, J, PT 100 Ω (DIN/JIS) 4-20 mA	
OUTPUT	RELAY S.S.R., 4-20 mA	RELAY S. S. R., 4-20 mA	RELAY S.S.R., 4-20 mA	NONE	RELAY, S.S.R., 4-20 mA	
CONTROL	ON-OFF, PD	ON-OFF, PD	ON-OFF, PD	NONE	ON-OFF, PD	
ACCURACY	±0.5 % FULL SCALE					
MEASURING RANGE	±50 0-100 0-99.9 0-200 0-199 0-400 0-399 0-800 0-999 0-1200 0-1600	±50 ±99 0-100 0-99.9 0-200 0-199 0-400 0-399 0-800 0-999 0-1200 0-1600	±50 ±99 0-100 0-99.9 0-200 0-199 0-400 0-399 0-800 0-999 0-1200 0-1600	±99 0-99.9 0-199 0-399 0-999	±50.0 0-100 0-100.0 0-200 0-200.0 0-400 0-400.0 0-800 0-1200 0-1600	0-100 0-99.9 0-200 0-199 0-400 0-399 0-800 0-999 0-1200
POWER SUPPLY	110 / 220 VAC, 50 / 60 Hz					
OPTION	* HI / LOW alarm	* HI / LOW alarm	* HI / LOW alarm	NONE	* HI/LOW alarm (JH-4832 ONLY)	

ORDERING INFORMATION






JH— — —

Dimension indicating setting control output input option

Indicating		Setting		Control		OUTPUT		INPUT		OPTION	
0	None	0	None	0	None	0	None	K	K (CA)	A	HI / LOW ALARM
1	Analog deviation	1	Knob setting	1	ON-OFF	1	RELAY	J	J(IC)	H	HEATRE BREAK ALARM
3	Digital idicating	2	Digital setting	2	PD	2	S. S. R.	R	R(PR)		
						3	4-20 mA	P	PT100 Ω		
								A	4-20 mA		

MICROPROCESSOR CONTROLLER

APPLIANCE : CONTROLLING TEMPERATURE , HUMIDITY ,
PRESSURE , FLOW , PH , VELOCITYetc.

APPEARANCE					
MODEL	JH-960	JH-720	JH-860	JH-680	JH-480
DIMENSION	96mm × 96 mm	72mm × 72 mm	48mm × 96 mm	96mm × 48 mm	48mm × 48 mm
PANEL CUTOUT	90.5mm × 90.5 mm	68.5mm × 68.5 mm	44.5mm × 90.5 mm	90.5mm × 44.5 mm	44.5mm × 44.5 mm
INPUT	T/C : K , J , R , S , B , E , N , T , W RTD : PT 50Ω , PT 100Ω (DIN/JIS) SELECTABLE 4-20 mA , 0-20 mA , 0-50 mV , any other DC voltage or current can be ordered				
OUTPUT	RELAY , S.S.R. DRIVE (DC 20 V) , 4-20 mA , 0-20 mA , 0-5 V , 0-10 V , 1-5 V , 1-10 V				
CONTROL	ON-OFF , P , PD , PID AUTO TUNING				
ACCURACY	±0.3 % FULL SCALE				
MEASURING RANGE	SELECTABLE BY USER				
POWER SUPPLY	AC 85 ~ 265 V , 50 / 60 Hz				
ALARM	STANDARD: 1 SET MAXIMUM: 3 SETS				STANDARD: 1 SET MAXIMUM: 2 SETS
OPTION	<ul style="list-style-type: none"> ※ REMOTE SET POINT ※ 1Φ & 3Φ PHASE CONTROL ※ 1Φ & 3Φ ZERO PHASE CONTROL ※ RS232 & RS485 INTERFACE 		<ul style="list-style-type: none"> ※ TEMPERATURE TRANSMITTER ※ MOTOR VALVE CONTROL ※ PROGRAMABLE PROCEDURE CONTROL 		

Thermocouple



- ※ TYPE : K · J · R · S · B · E · N · T · W , W,
- ※ TEMPERATURE RANGE : -200~2300°C
- ※ ACCURACY : 0.25 ~ 0.75 %
- ※ SHEATH DIAMETER : φ0.25 ~ 12.7 mm
- ※ MEASURING JUNCTION : GROUNDED · UNGROUNDED · EXPOSED
- ※ MEASURING POINT : SINGLE OR MULTIPLE
- ※ SHEATH MATERIAL : SUS304 , SUS316 ,
SUS310 , SUS347 · SUS321 · SUS446 · INCONEL · HASTELLOY C ·
H2300etc.

RTD



- ※ ELEMENT TYPE : PT10Ω · PT25Ω · PT50Ω · PT100Ω
PT500Ω · PT1000Ω
- ※ TEMPERATURE RANGE : - 200 ~ + 850°C
- ※ ACCURACY : 0.15 ~ 0.3 %
- ※ SHEATH DIAMETER : φ1.6 ~ 12.75 mm
- ※ MEASURING POINT : SINGLE OR MULTIPLE
- ※ SHEATH MATERIAL "RTD" : SUS304 · SUS316 ·
SUS310 , SUS347 · SUS321 · SUS446 · INCONEL · HASTELLOY
CH2300etc.