

GT-8

INTELLEAGENT TWO-WAY PID CONTROLLER



GT8-A GT8-D GT8-E

MODEL				
	Case Size	48 x 48 x 76	72 x 72 x 72	
	Panel Hole Size	46 x 46	67 x 67	
SENSOR TYPE		T/C : K,E,J,S,B,N,R,T, W3-25,W3-26 RTD : PT-100 /3 WII		
	Sensor	Check Table -1 for Range and Set Point High / Low L		
	Range Limit	± 0.5 % OF FS		
	Accuracy	300 MS		
	Sampling Time	0.1 °C / 1 °C User Selectable		
	Resolution	°C / °F User Selectable		
	Unit			
OUTPUTS		PID / TWO -WAY PID / ON-OFF		
	Control Action	2 / 3 Relay Output		
	Number of Relay	Relay AC 220 V / 30 VDC / 3 A		
	Relay	On : 12 VDC OFF : 0.5 VDC / 30 mA, Load Resistance ≥ 1 K		
	Logic Level	4 - 20 mA / 20 - 4 mA Isolated from Input		
	Analog Output	Output Power is increased / Decreased by Up / Down		
	Auto / Manual Operation	High / Low Alarm with (Absolute / Keeping / Return		
	Alarm Type			
DISPLAY				
KEYBOARD		4 Digit Dual Display Upper : 4 digit Red Lower : 4 Digit Gr		
	Display / color	4 keys		
	Keyboard	Indication for Relay Status / Alarm Status / Alarm Inform		
	Indication			
COMMUNICATION		RS - 485		
	Port	Modbus / RTU		
	Protocol			
GENERAL DATA		Flush Panel Mounting With Side Clamp		
	Mounting	95 - 270 VAC, 50- 60 Hz , ≥ 5 VA		
	Power Supply	Temp : 0 - 50°C / Rh : 35 - 85 % (Non - Condensatic		
	Working Environment			
Table -1		Sensor Type	Temperature Range	§
Temperature Input		K	-200 °C ~ 1200 °C	
Thermocouple		E	-200 °C ~ 650 °C	
		J	-200 °C ~ 850°C	
		S	-50 °C ~ 1700°C	
		B	0 °C ~ 1800°C	
RTD		PT - 100	-200 °C ~ 850 °C	

Ordering Information

GT 8 - (1) (2) (3) - (4) (5) (6)

- ① Panel Size :- A : 48 x 48, B: 48x 96, D: 72 x 72 , E : 96 x 96
- ② input:- T : Temperature A : Analog
- ③ supply :- S: SMPS L: Linear

- ④ Main Output :- 1 : Relay 2
- ⑤ Alarm Output :- 0: No Alarm
- ⑥ Extra Function :- 0 : No Fun

INDIA MFG.UNIT-1 :
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8-B GT8-E

Unit : MM

48 x 96 x 72	96 x 96 x 72
45 x 91	91 x 91

RE ,CU-50

Limit

n key in Manual Mode

(Difference Mode)

teen Seven Segment Display

mation

on)

Sensor Type	Temperature Range
N	-200 °C ~ 1300°C
R	-50 °C ~ 1700 °C
T	-200 °C ~ 400°C
W3-25	0 °C ~ 2300°C
W3-26	0°C ~ 2300 °C
CU-50	-50°C ~ 150 °C

3 : SSR 3 : Analog

1 : 1 Relay Alarm 2 : 2 Relay Alarm

option 1 : RS-485 Communication

NJ-08830 (USA)
M : 732-862-7166