



National Plastic Heater

Call Toll Free 1.877.674.9744

Fuzzy Logic Controllers



Temperature & Process Controllers

Features:

- Selectable Fuzzy Logic or Auto-Tune PID Control
- Universal Input
- LED Bar Graph displays % output in manual mode
- Up to 3 Alarms with 17 different alarm modes
- RS-232 & RS-485 Communication options
- 3 Year Warranty
- Auto/Manual Control (1/16 DIN Excluded)
- Universal Power Supply (85 ~ 265 VAC)
- 4 security levels
- Heat/ Cool Control
- Retransmission Output option
- Private Labeling Available

Specifications:

PV Input	Type of Input	TC (K,J,R,S,B,E,N,T, W,PL11,U,L)	Alarm	No. Alarms	Up to 3 (only 1 for 1/16 DIN)
		RTD (Pt100, JPt100.JPt50)		Mode	17 Alarm modes
		Linear (4-20mA, 0-10mV, 10-50mV)		Timer	Flicker , Continued, On-Delay timer
	Input Sampling Time	250mS	Retransmission Output	Output Signal	SP, PV, MV
	Input Resolution	14 bit (each)		Type of Output	4-20mA (or 0-20mA, 0-10V, 1-5V)
	Indication Accuracy	0.2% FS			
Control Mode	Prop Band (P)	0-200% (On/Off action P=0)	Remote Set Point Input	Type of Input	4-20mA (or 0-20mA, 0-10V, 1-5V)
	Integral Time (I)	0-3600 sec (PD action at I=0)		Sampling Time	250mS
	Derivative Time (D)	0-900 sec (PI action at D=0)	Communication	Type of Communication	RS-232, RS-485
	Cycle Time	0-150 sec			
	Dead Band Time	0-1000 sec (dead time comp.)		General Specifications	Input Power Supply
Output	Relay Output	Contact, SPDT, 3A/240VAC	Power Consumption		4VA
	SSR Voltage Output	Voltage Pulse, 20VDC/20mA	Ambient Temperature		-25°C to 65°C
	Current Output	4-20mA (or 0-5V, 0-10V, 1-5V)	Ambient Humidity		50-85% RH (non-condensing)
	Others	Upon Request			

Order Code:

MODEL	SUFFIX CODE									DESCRIPTION
FZ -	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Size	400 600 700 800 900									1/16 DIN 1/8 DIN (Horizontal) 72 x 72 mm 1/8 DIN (Vertical) 1/4 DIN
Output 1		1 2 3								Relay (SPDT 3A 240VAC) SSR Voltage Pulse (20VDC) Current (4-20mA)
Output 2			1 2 3							Relay (SPDT 3A 240VAC) SSR Voltage Pulse (20VDC) Current (4-20mA)
Alarm				0 1 2 3						No Alarm 1 Alarm 2 Alarms 3 Alarms
Retransmission Output						0				None
Remote Set Point Input							0			None
Communications								0 1 2		None RS232 RS485

Contact your nearest sales office for full information on pricing and private labeling requirements



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