

UNIVERSAL MICROPROCESSOR TEMPERATURE CONTROLLERS

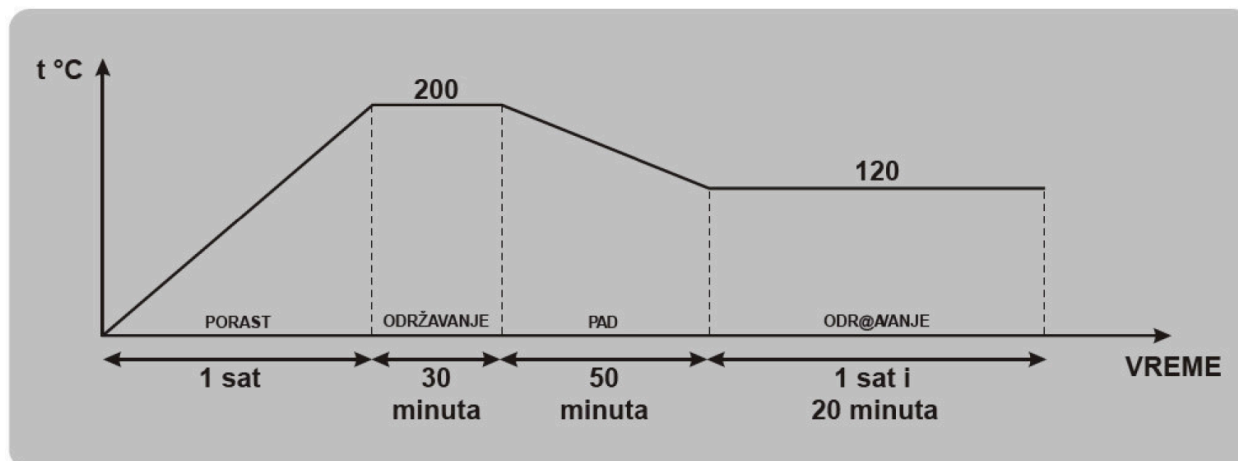


SPECIFICATION		
Model	FY800	FY900
Dimensions	48x96mm (DIN 1/8)	96x96mm (DIN 1/4)
Characteristics	<ul style="list-style-type: none"> * PID regulation with FUZZY Auto Tuning * Supports all standard thermocouples and Pt100 resistance thermometers * As a process controller, it supports standard current and voltage ranges (0-20mA, 4-20mA, 0-1V, 0-5V, 0-10V, 2-10V) * 14-bit resolution in all current/voltage ranges * Programmable model (process management per diagram) 	
Outputs	<ul style="list-style-type: none"> * Standard one relay output, optional up to 2 outputs, namely: relay, transistor, analog (current or voltage), for three-position control (control of the servo motor without feedback loop), single-phase or three-phase control, with or without switching on when passing through zero * Maximum of three alarm relay or transistor outputs with 17 modes 	
Temperature transmitter	0-20mA or 4-20mA (option)	
Second output	0-20mA or 4-20mA for remote control	
Display	on two four-digit LED displays and a bar graph	
Communication	RS232 or RS485 (MODBUS)	
Accuracy	0.2% + 1 digit	
Power supply	85-265VAC	

Ambient temperature	0-50°C
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EXAMPLE OF PROCESS MANAGEMENT BY DIAGRAM



Prevod slike iznad: INCREASE/MAINTAINING/DROP/MAINTAINING
 1 hour/30 minutes/50 minutes/1 hour and 20 minutes/TIME
 They have the possibility to program up to 16 intervals.

ORDER DATA

MODEL	ALARM	TRANSMITTER	SECONDARY OUTPUT
8. FY800			
9. FY900	0. None	0. None	0. None
A.PFY800	1. 1 set of alarms	1. 4-20mA(adjustable)	1. 4-20mA
B. PFY900	2. 2 sets of alarms	2. 0-20mA(adjustable)	2. 0-20mA
		A.0-5V	
		B.0-10V	
		C.1-5V	
		D.2-10V	

TR 9 101100

OUTPUT 1	OUTPUT 1	COMMUNICATION
0. None	0. None	0. None
1.Relay	1.Relay	1. RS232
2. Impulse Voltage SSR	2. Impulse Voltage SSR	2. RS485
3.4-20A	3.4-20A	3. RS485 MODBUS
4.0-20A	4.0-20A	
5. Single-phase control *	5. Single-phase control *	
6. Three-phase control *	6. Three-phase control *	
7. Open loop (servo motor circuit)	7. Open loop (servo motor circuit)	
8. Single-phase control	8. Single-phase control	
9. Three-phase control	9. Three-phase control	
A. 0-5V	A.0-5V	

B.1-5V	B.1-5V	
C.2-10V	C.2-10V	

***with switching on when passing through zero**