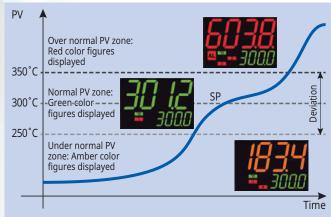


TC10

save instrument panel space. The TC10 supports easy configuration with codes for quick start-up.

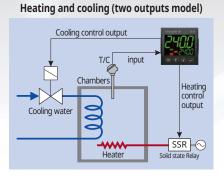
- □ Compact size
 □ Universal Input
 □ 3 colors active display
 □ Serial Communication



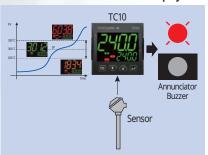
*: Option

CE GALUS

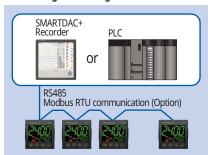
Application



Alarm detection with active display



Monitoring and setting from external device



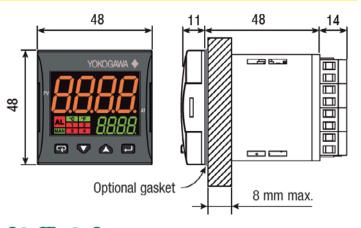


Specification Table

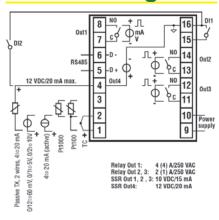
	TC10
PV/SP Data display	4 digits 3 colors active display
PV Input	1 Universal (TC, mV, V, mA, Pt100-Pt1000)
Accuracy	±0.5% of span ±1 digit
Display updating time	500 ms
Number of Set points (SP)	4
Control type	ON/OFF, PID, Heat/Cool control
Tuning	Auto-tuning, Self-tuning, Overshoot control
Control Output	Relay, Voltage Pulse or Analog
Control Output for Cooling output	Relay or Voltage Pulse
Contact Input/Output	1 logic input, and 1 selectable I/O

	TC10				
Alarm	9 Types				
Communication	RS-485 Protocol: Modbus RTU				
Power supply	24 VAC/DC (Custom order), 100 to 240 VAC Power consumption: 4.5 VA max. (24 VAC/DC) 6.0 VA max. (100 to 240 VAC)				
Regulatory Compliance	CE, cULus				
Front panel protection	IP65 (Optional)				
Size	48 × 48, depth 62 mm, (1.77 × 1.77 × 2.97 in.)				
Ambient Temperature, R.H.	Operating temperature: 0 to 50 °C (32 to 122 °F) Operating humidity: 20 to 90% RH (no condensation)				

■ External Dimensions and Panel Cutout Dimensions



■ Terminal Arrangement



■ Model and Suffix Gode

Model Code	Suffix codes										Description
TC10	-N		C				D		F		Temperature Controller with an universal input, one logic input, and one selectable I/O
Fixed code	-N										Always "-N"
Dower cumply		L									24 VAC/DC (Custom order)
Power supply		Н									100 to 240 VAC
Fixed code C		C								Always "C"	
				Ν	Ν					Relay output for On/Off control	
				R	R	R					Relay output with two alarm relays, or On/Off Heat/Cool control with one alarm
OUT1-3			V	Ν	Ν					DCV output for SSR	
			٧	R	R					DCV output for SSR with two alarm relays, or DCV and Relay output for Heat/Cool control with one alarm	
				V	٧	R					Two DCV outputs for SSR with one relay (Custom order)
			Α	R	R					Analog output with two alarm relays, or Analog output and Relay output for Heat/Cool control with one alarm	
IN/OUT4 (Fixed code)					D				Always "D" Selectable I/O (logic input / 12 V SSR drive output / 12 VDC 20 mA transmitter power supply)		
Serial communication		S						RS485 Modbus			
		Ν			None						
Fixed code F									F		Always "F"
Option code /GK										/GK	Panel gasket for IP65

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