



# THERMAX CONTROLS

Reliable Monitoring...

## OIL & WINDING TEMPERATURE INDICATOR

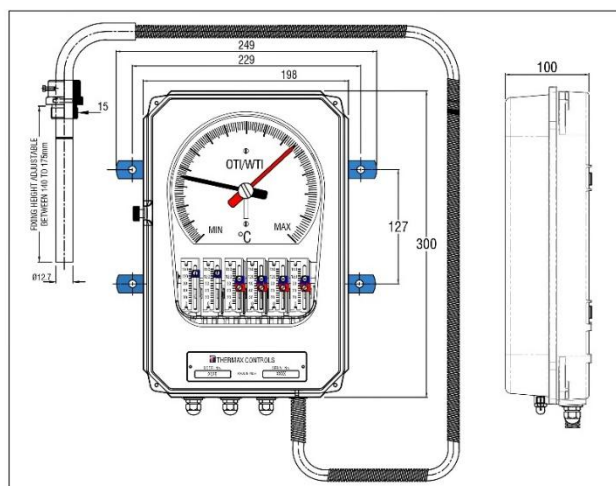
MODEL: TC2025 SERIES



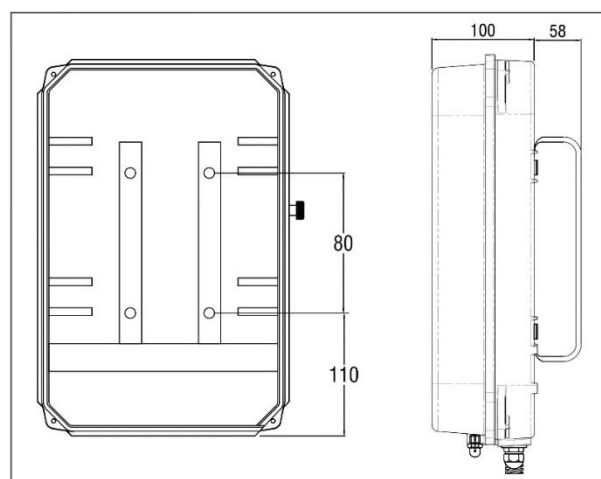
## Technical Specification

MODELS		TC2025	TC2025A	TC2025H	TC2025AH
Mechanical	Case	Die cast Aluminium alloy with light grey powder coated at all sides			
	Capillary Tubing	Capillary line protected by flexible square locked S S armor			
	Window glass	UV Resistance polycarbonate			
Indication Dial	Dial Diameter	150mm round dial			
	Angular sweep	270°			
	Range	0 - 150°C other range optional			
	Accuracy	±1% full scale division (FSD)			
Standard fitting	Maximum pointer	Resettable maximum pointer			
	Switch test knob	Available			
Electrical	Max. no. of switch	Standard 4 and max of 6			
	Switch range	15% - 85%			
	Switch differential	S1 & S2: 3°C to 9°C (6±3°C) Fixed S3 to S6: 8°C to 40°C Adjustable			
	Switch accuracy	±2.5 °C of Set Value			
	Contact rating	5A @ 250V AC/DC	15A @ 250V AC, 0.5A @ 250V DC	5A @ 250V AC/DC	15A @ 250V AC, 0.5A @ 250V DC
Outputs	Option 1  In built CCU	---		1. 2 outputs of 4 to 20mA from PSU. 2. 2 outputs of 4 to 20mA DC from the remote indicator. 3. 1 output of 4 to 20mA DC and 1 output of RS485 Modbus from the remote indicator.	
	Option 2  External CCU	---		1. 2 outputs of 4 to 20mA DC. 2. 1 output of 4 to 20mA DC and RS485 Modbus. 3. 2 outputs of 4 to 20mA DC from the remote indicator. 4. 1 output of 4 to 20mA DC and 1 output of RS485 Modbus from the remote indicator.	
High Voltage Test		2.5 KV AC, 50Hz/60Hz for 1minute		CCU/ PSU/ RI – AC supply and CT connection – 2.5kV AC, 50Hz/60Hz for 1minute.	
Protection level		IP – 55			
Electrical entry		M20 – 3nos			
Capillary length		3mtr to 25mtr			

## OVERALL DIMENTION DIAGRAM



## (OPTIONAL) SS CLAMP FOR MOUNTING



## Information For Ordering / Enquiring

Model no	TC2025/ TC2025A/ TC2025H/ TC2025AH
Type Of Instrument	OTI/ WTI
Range	0 - 150°C
Switch Configuration	Type of switch (normally open or changeover)
Capillary Length	3mtr to 25mtr
If WTI	CT Secondary Output 1Amps to 5Amps Temperature Rise 5°C to 30°C
Output options	In-built options – 1/ 2/ 3/ 4 External CCU options – 1/ 2/ 3/ 4
Union	1/2 ", 3/4 ", 1" BSP Male 1/2 ", 3/4 ", 1" BSP Female