



THERMAX CONTROLS

Reliable Monitoring...

OIL & WINDING TEMPERATURE INDICATOR

MODEL: TC27 SERIES



Technical Specification

MODELS		TC27	TC27A	TC27H	TC27AH
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	115mm segment dial			
	Angular sweep	60°			
	Range	0 - 150°C (other range optional)			
	Accuracy	±1.5% full scale division (FSD)			
Standard fitting	Maximum pointer	Resettable maximum pointer			
Electrical	Max. no. of switch	4 Nos of switch			
	Switch range	15% - 85%			
	Switch differential	1°C to 5°C (Switches can be adjustable individually)			
	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			