

TC LV Low Voltage TEC Temperature Control modules

Types	TC LVM 15v	Supply	15v at 2.5A (13.8V to 15.8V)
		Output	0 to 5v at up to 5A
Output	Variable DC output 0 to limit Configurable limit voltage 0 to V max Bi-directional heating and cooling Low noise < 20mV		
Control	Via RS232, RS485, USB or Ethernet Programmable PID terms Will operate as P, PI, PID or On/Off with Dead Band Resolution 0.001 °C Max stability 0.001 °C depending on thermodynamics and set-up		
Functions	Auto-tuning sets up PID terms automatically		
Set point	Set by PC		
Limits	Set permissible temperature band for operation Prevents problems due to sensor faults and thermal runaway Voltage output maximum /minimum limits		
Sensor Options	RTD - PT100, PT1000 IC sensor, LM35, LM50, LM51, LM60, LM61 AD590 LM335 NTC thermistor		
Measurement Accuracy	Sensor dependent		
User	Windows control software allows access to all parameters Commands can be controlled within a process environment		
Format	PCB module can be fitted to PCB or as standalone PCB		
Approvals	CE Approved, ROHS Compliant		
Price	TC LVM 15v	Please enquire for price Please specify sensor type	
Adaptors	CA RS232	CA USB	

View of PCB top



View of PCB bottom

