

EC-TEMP 0-10V Closed Loop Temperature Controller



- **General remarks:** EC-TEMP is a proportional temperature controller for use with ebm-papst EC fans and other products requiring a 0-10V control input. The measured temperature is controlled by varying the fan speed in relation to a set point and XP-Band range. There are two independently programmable 0-10V outputs which can be offset from each other to control one fan, two fans or a fan plus suitable auxiliary device (shutters, dampers etc).

Additional features:

- Programmable over-temp alarm relay
- Min and max fan speed setting
- Display of min, max and actual temperature
- LEDs indicating relay operation and maximum demand
- Plug-in connectors for easy wiring

Nominal data	Supply voltage	Control range	XP band range	Max .amb. temp.	Min amb. temp.	Protection rating	Weight	Width	Height	Depth	Mounting hole spacing
Type	°C	°C	°C	°C	°C	kg	mm	mm	mm	mm	mm
EC-TEMP	230V 50Hz	0-50	0-10	45	-5	IP54	0.4	80	130	60	113x63
KTY-1*	Temperature sensor		Length 2m								

Subject to alterations * One temperature sensor included. Second sensor must be ordered separately.

Connection Diagram

