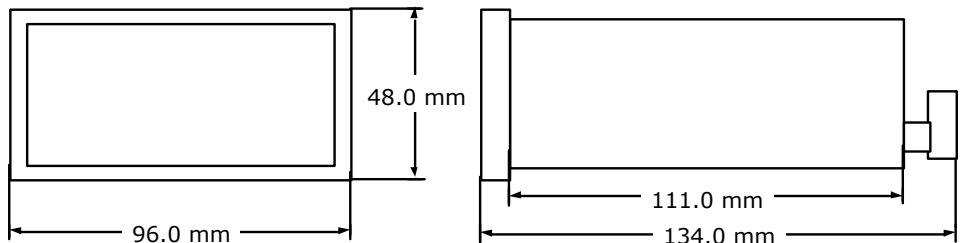




- Output for Peltiermodules
- pt100 / pt1000 or customized sensors, user programmable
- 2-or 3 wire connection
- PID-Controller, programmable
- Supply voltage, optional with switch on or switch off function
- Signal output, optional with alarm- or temperature O.K.-function
- Made in Switzerland

The Temperature Controller TC2812 is specially optimized for the driving of Peltiers. Most of the functions are programmable via the front switches or a PC program via its serial interface RS232.

Supply voltage	12 to 28V DC
Output current	12 A maximum, PWM-output with Semiconductor H-Bridge, wearless
Controller	PID-Controller, Parameters programmable
Sensor input	2- or 3 wire technic plus additional shield connection for longer lead lengths
Reading- and Control range	-50.0 to +150.0°C nominal, monitoring -75.0 to +175.0°C
Reading resolution	0.1 degree
Sensors	Pt100 and Pt1000 selectable, low measuring current, cusotmized sensor programmable via serial interface, sensor curve free definable via fix points in 25-degree steps.
Display	Bright and large 7-segment-LED Indication
Process Indicator	one LED for heating and cooling each, plus one for the acitive programmable mode
Supply voltage	12 to 28V DC, isolated with opto coupler
Signal output	max. 28V, NPN, isolated with opto coupler, load current max. 100 mA
RS232-interface	optional, communication via DSUB9, Software included if this option is selected
Parameter	all Parameters are permanently stored in the Flash memory
Dimensions	



Panel cut out: 92.5 mm x 43 mm

Technical changes reserved. Status from 10.11.2004 / V1.00