

- Programmable loop-powered Pt100 transmitter
- For mounting in sensor head type B
- Consumption 4-20 mA, equivalent to temperature input For 2,3 or 4 wire sensors
- Made in accordance with CE and EMC regulations



C-mac temperature transmitter type TTP22 is designed for standard sensor head, type B.

The transmitter, which must be connected to a Pt100 sensor element, is loop-powered, which means the current consumption is proportional with the temperature at the Pt100 sensor.

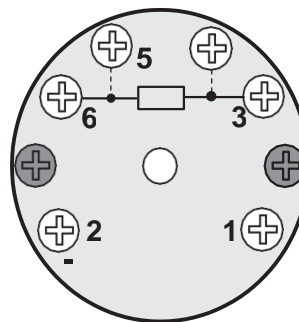
The transmitter is universal and can be programmed for 2, 3 or 4 wire connections, covering a temperature range from -200 to 850°C

By means of a programming unit it is also possible to program the transmitter yourself.

Technical data:

Metering input:	2, 3 or 4-wire Pt100 acc.to DIN 43760
Output:	Current consumption 4-20 mA, proportional with the actual temperature at the Pt100 sensor.
Cable fault:	Short circuit: typ. 3,5 mA Breakage: typ: 23 mA
Supply voltage:	8,5 - 30 VDC
Voltage drop:	min. 8,5 V
Linearity:	0,1%
Temperature stability:	span <100°C: < 0,02% / °C span 100°C: < 0,01% / °C
Operation temp.:	-20°C to +50°C
Dimensions:	Ø44x 20 mm
EMC-data:	Emission: EN 50081-2 Immunity: EN 50082-2

Connections:



- pin 1: current +
- 2: current -
- 3: Pt100 sensor
- 4: Pt100 sensor, 3 wire
- 5: Pt100 sensor
- 6: Pt100 sensor, 4 wire

Connection example:

