

TECHNICAL SPECIFICATION

Digital Temperature Controller Type CD – 701



Description:

The device is intended for industrial control and monitoring of temperature. It allows monitoring and adjustment of temperatures of up to 1999°C depending on the used sensor – thermocouple or thermos resistor. The device allows programming of the used type of sensor (K (CA); J (IC) PT 100, etc.) and the controller working range. It also allows selection of the control algorithm, error adjustment, indication hysteresis curve adjustment and alarm settings. The controller is intended for mounting on control panels. It is user friendly and can be set through the push buttons on the device front panel. The program can be password protected. When operational, the display shows the set temperature and the current temperature.

Technical data:

- Rated voltage: 230V, 50 Hz
- Permissible voltage deviation: 85 - 110% Un
- Input signal: from thermocouple, thermos resistor or unified signal (4-20mA; 0-10VDC)
- Output: Relay
- Emergency Output: Relay
- Electrical life: 1 000 000 cycles.
- Insulation resistance: 20 MΩ /min (500V)
- Impulse voltage stability: 2000V, 50Hz

- Operating temperature: -5°C ÷ +65°C
- Indication:
 - Green LED – indicates the measured (current) temperature
 - Red LED – indicates the set temperature
- Relative Humidity: 35 - 85%RH

Mounting:

- on the front panel

Type	Packing / Box (pcs)	Catalogue number
CD - 701	1	50124

Standards:

EN 61010-1

