

## Controller for PT1000 temperature sensors

**PT1000 temperature sensor controller** is used to connect up to 4 PT1000 or other resistive temperature sensors. The device acts like extension module to LogicMachine2 series devices and is interconnected via RS-485 port.

### ENG - Data sheet

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### Application

Heating, cooling applications

### Types of product

PT1000 input controller      IO3PT

### Standards and norms compliance

EMC:      EN61000-6-1  
            EN61000-6-3  
PCT      Certificate

### Technical data:

Power supply:      24V DC -20...+25%

Power consumption:      0.25W

Interface:	RS-485	1
	PT1000 inputs	4

Connections:	Serial	Clamp, 1.5mm2
	Inputs	Clamp, 1.5mm2

Operating elements	LED	1 - Activity
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Enclosure:	Material:	Polyamide
	Color:	Gray
	Dimensions:	15(W)x90(H)x56(L) mm



Usage temperature:	0C ... +45C
Storage temperature:	-15C ... +55C
Weight:	50g
Warranty:	2 years
Relative Humidity:	10...95 % without condensation



### **Caution Security advice**

The installation and assembly of electrical equipment may only be performed by skilled electrician. The devices must not be used in any relation with equipment that supports, directly or indirectly, human health or life or with application that can result danger of people, animals or real value

### **Mounting advice**

The devices are supplied in operational status. The cables connections included can be clamped to the housing if required.

### **Electrical connection**

The devices are constructed for the operation of protective low voltage (SELV). Grounding of device is not needed. When switching the power supply on or off, power surges must be avoided.

## **Quick startup guide**

- 1) Mounting the device on DIN rail
- 2) Connect the RS-485 to the LogicMachine2 RS485 port
- 3) Connect 24V power supply to the device