



**COMET SYSTEM, s.r.o.**

Bezrucova 2901  
756 61 Roznov pod Radhostem  
CZECH REPUBLIC  
Tel.: +420 571 653 990

E-mail: [info@cometsystem.com](mailto:info@cometsystem.com)

## P0210 Temperature transmitter with 0-10V output, adjustable



code: P0210

Low cost ambient temperature transmitter with 0-10V output is built in a durable watertight case for outdoor and indoor use. Built-in precise temperature sensor. Output temperature range is user adjustable.

**NEW - AC Power - now also powered from 24 Vac !**

Included in delivery:

- Traceable calibration certificate
- Quick start manual
- Free program TSensor for configuring of the transmitter is ready to [Download](#)

### Features

### APPLICATIONS - measuring and control of air temperature at:

- building HVAC management
- building HVAC automation
- warehouses
- glasshouses
- manufacturers
- museums, archives, galleries
- air-conditioned rooms
- weather stations
- compressed air measurement

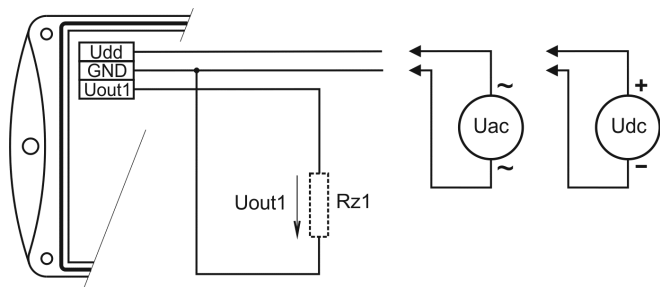
Output is adjusted to -30 to +80°C temperature range from the manufacturer.

**To adjust other range by the user buying of SP003 cable is necessary** - see Optional accessory.

[Free configuration program TSensor](#) for transmitter adjustment is ready to download anytime.

If different adjustment of output temperature range is required, please specify required range in the order. Adjustment is free of charge.

**Ordering example:** Thermometer P0210, output 0 to +30°C



### Typical application wiring

$U_{ac} = 24 \text{ Vac}$

$U_{dc} = 15 \text{ to } 30 \text{ Vdc}$

Maximum loading current of each voltage output is 0.5 mA.

### Technical Data

Technical parameters	Value
Output	0-10V
Measured Value	Temperature
Construction Type	Ambient Air
Design	Industrial
Accuracy of temperature output	$\pm 0.4^\circ\text{C}$
Temperature operating range	-30 to +80°C
Voltage output	0-10V
Configuration of output range	user adjustable from the PC
IP protection	IP65
Power	15-30Vdc, max. 20mA; 24 Vac
Dimensions	88.5 x 148 x 39.5 mm (W x H x D)
Weight	approximately 120g
Warranty	3 years