



COMET SYSTEM, s.r.o.

1.maje 1220

756 61 Roznov pod Radhostem

CZECH REPUBLIC

Tel.: +420 571 653 990

E-mail: info@cometsystem.com

P4211 Temperature transducer with 0-10V output



code: P4211

Low cost temperature transducer for Pt1000/3850ppm sensor with 0-10V output is built in a durable watertight case. 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

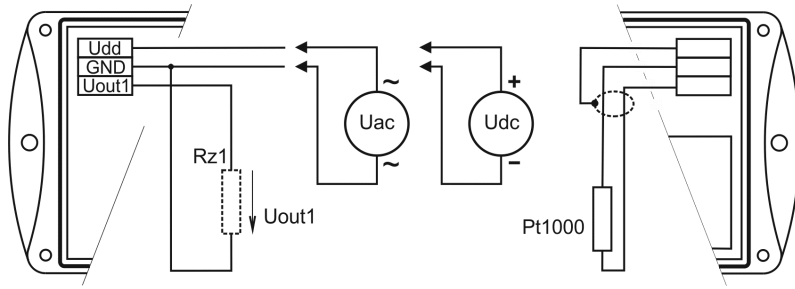
Output is adjusted to maximum temperature range from the manufacturer.

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 P4211, 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	For External Temperature Probe Pt1000
Design	Industrial
Accuracy of temperature output	$\pm 0.15^\circ\text{C}$ plus 0.1% from adjusted output span (without temperature probe)
Temperature operating range	-30 to $+80^\circ\text{C}$
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 117 x 39.5 mm (W x H x D)
Weight	approximately 145g
Warranty	3 years