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P0212 Duct mount temperature transmitter with 0-10V output, stem length 120mm



code: P0212

Duct temperature transmitter with 0-10V output is built in a durable watertight case. The length of stainless steel stem is 120mm. 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

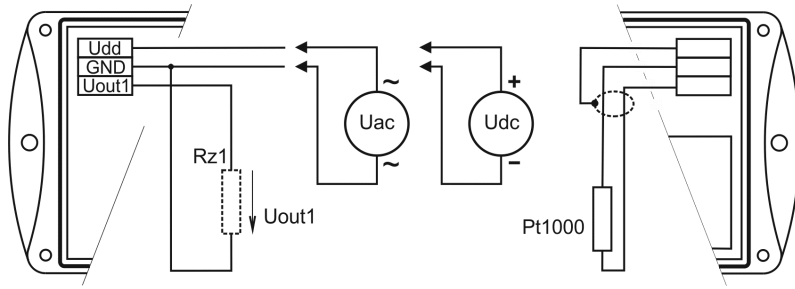
Output is adjusted to -30 to +80°C temperature range from the manufacturer.

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 P0212, output 0 to +35°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	Duct Mount (150mm)
Design	Industrial
Accuracy of temperature output	$\pm 0.4^{\circ}\text{C}$ up to $+100^{\circ}\text{C}$, $\pm 0.4\%$ from reading over $+100^{\circ}\text{C}$
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
Stem length	120mm
Dimensions	88.5 x 94 x 160 mm (W x H x L)
Weight	approximately 150g
Warranty	3 years