

PAD-73T

- low-cost meter in a small case
- input Pt100, Pt500, Pt1000
- RS-485 / Modbus RTU
- IR programmer as accessory

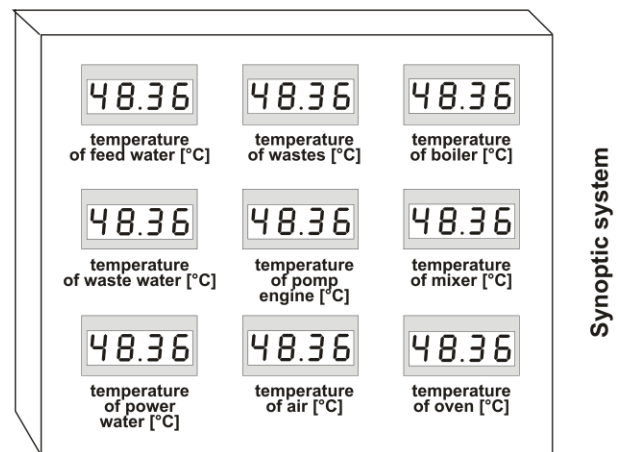


The PAD-73T efficiency indicators are low-cost and affordable panel-mounted digital indicators. They are available in three versions: temperature (-T), current/voltage (-A, description on pages 1.1.1) and without analog input, only with serial input (-S, description on page 1.4.1). The 16-bit A/D converters used in them ensure very high stability and measurement precision. Parameters can be programmed freely through an infrared link or through the RS-485 interface, built-in as a standard. Configuration of the device can also be programmed to the customer's order. The RS-485 interface makes it easy to set up measurement networks in production process monitoring systems, and also to use the indicators as smart, programmable, digital converters of input signals for computer systems. An additional advantage of the device is that its dimensions are small and it can be easily mounted.

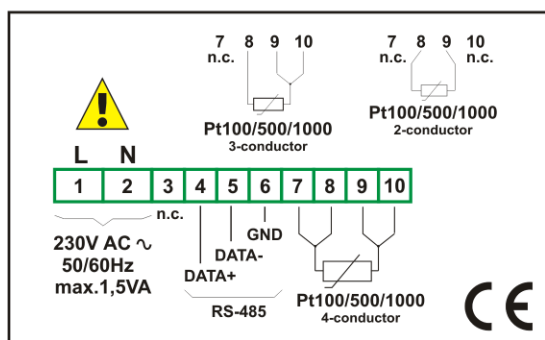
- measuring range from -100°C to 600°C with resolution 0,1°C,
- all parameters are freely programmable from the PC or remote control (e.g. indication filtering range),
- display brightness adjustable in 8 steps,
- automatic recognition of 2, 3 and 4-conductor connection.

Typical applications

1. Indication of current values of any parameters,
2. Application wherever there is a need for a quick view of many parameters, i.e. in a synoptic system.



Exemplary pin assignment



Technical data

Power supply: 110VAC ± 10%, 230VAC ± 10% or 10...30V DC
Power consumption: for 110VAC and 230VAC: max. 1,5 VA; for 10...30V DC: max. 1 W
Display: LED, red, 4 x 13 mm high
Input: temperature Pt100, Pt500, Pt1000, automatic recognition of 2, 3 and 4-conductor connection
Measuring range: -100°C ÷ 600°C
Accuracy (25 °C): ± 0,1 % FSO
Tolerance band (0...50°C): max. 0,25 % FSO
Resolution: 0,1°C
Communication interface: RS-485, 1200..115200 bit/s, 8N1, Modbus RTU, not galvanically isolated
Operating temperature: 0...50°C or -20...50°C (on special request)
Storage temperature: -10...70°C
Protection class: IP 40 (front side); IP 20 (case and connection clips)
Case: board
Case material: NORYL UL94V-0
Case dimensions: for 10...30V DC: 72 x 36 x 77 mm; for 230VAC: 72 x 36 x 94 mm
Panel cut-out dimensions: 67 x 32,5 mm
Board thickness: max. 5 mm

Ordering

PAD-73T-X-XX5-N1

options:

- 00 : no options
- 08 : operating temp. -20...50°C

power supply:

- 1 : 10...30V DC
- 2 : 230VAC
- 8 : 110V AC



IR programmer PMT-15