

PAD-73

- low-cost meter in a small case
- no analog input
- RS-485 / Modbus RTU
- MASTER / SLAVE
- IR programmer as accessory

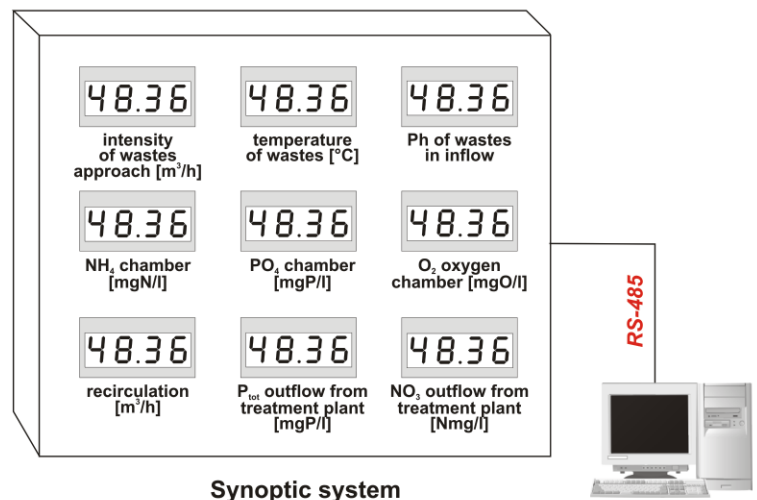


The PAD-73 efficiency indicators are low-cost and affordable panel-mounted digital indicators. They are available in three versions: with serial input (-S), current/ voltage (-A, description on pages 1.1.1) and temperature (-T, description on page 1.2.1). The 16-bit A/D converters used in them ensure 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.

- all parameters are freely programmable from the PC or remote control (e.g. indication filtering range).

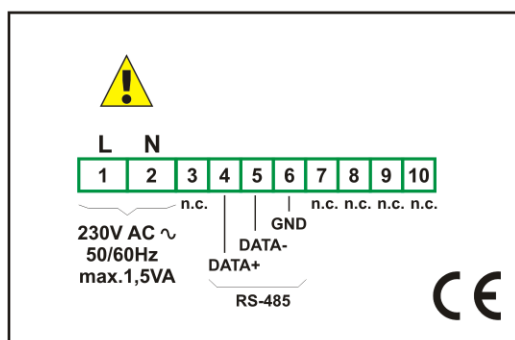
Typical applications

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.



Synoptic system

Exemplary pin assignment



Ordering

PAD-73-X-XX5-N1

options:

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

power supply:

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

Technical data

Power supply: 110V AC $\pm 10\%$, 230V AC $\pm 10\%$ or 10...30V DC (non separated)
Power consumption: for 110V AC and 230V AC: max. 1,5 VA; for 10...30V DC: max. 1 W
Display: LED, red, 4 x 13 mm high
Displayed values range: -999...9999 + decimal point
Accuracy (25 °C): $\pm 0,1\%$ FSO
Tolerance band (0...50 °C): max. 0,25 % FSO
Communication interface: RS-485 (Modbus RTU - SLAVE), not galvanically isolated
Transmission speed: adjustable in range from 1200...15200 bit/s
Transmission parameters: 8N1 and 8N2
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 version 10...30VDC: 72 x 36 x 77 mm
 for 110V and 230V AC: 72 x 36 x 94 mm
Panel cut-out dimensions: 67 x 32,5 mm
Board thickness: max. 5 mm

Accessories



IR programmer PMT-15