

Multi-channel System Meter type PW

Application

The multi-channel system meter performs two tasks:

- Shows at graphic display measuring data from all system monitors
- Provides serial data interface for communication of monitors data to process computer, digital control systems, programmable logic controllers and other devices

Description

The meter is made as a 3U/24T system module with LCD graphic display 62 x 62mm, mounted at the front plate. The front plate contains also three push buttons for choosing the information set that should be presented at one screen. The information from each channel contains the channel name and the result of measured value. One screen contains 15 lines, each line with 16 characters. The screen has a background lighting for better reading possibilities.

The meter has 64 analog inputs for 0-10V signals from system monitors. The microprocessor provides conversion from analog-to-digital signals and communication with any master working with serial interface RS 485 with protocol MODBUS RTU.

Performances

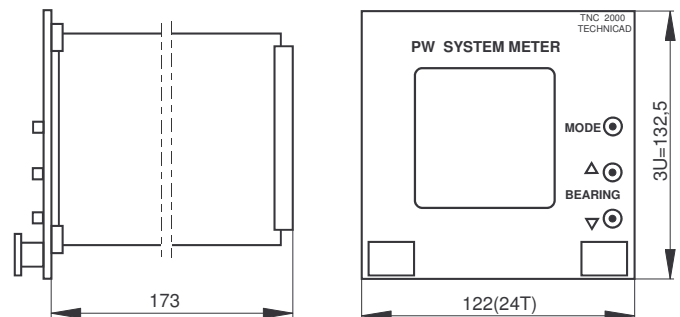
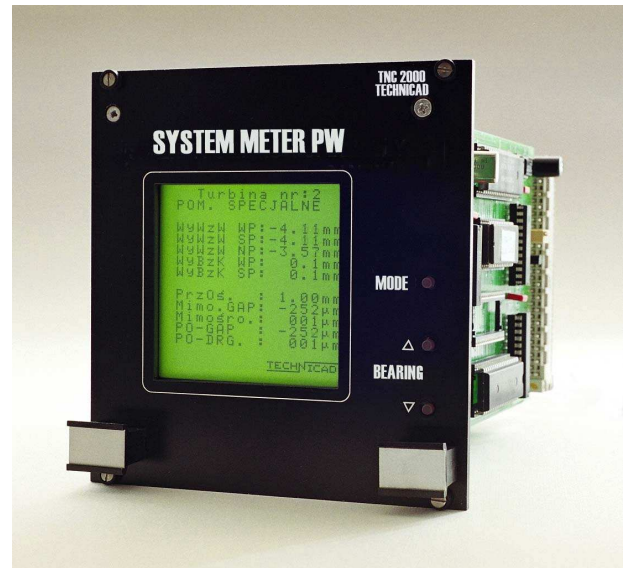
METROLOGICAL

Inputs:

- Number of multiplexed inputs 64
- Input voltage range 0 to 10V
- Input impedance 100kΩ

Outputs:

- Information at LCD display, measured values in technical units
- RS485, protocol MODBUS RTU



ELECTRICAL

Power consumption: 6W maximum

ENVIRONMENTAL

Operating temperature: +5°C do +60°C

Humidity: 95% without condensation

MECHANICAL

Weight: 600g

Housing material: aluminum front plate

Dimensions (h x w x d): 128x122x167mm

LCD screen dimensions: 62x62mm

Rack space requirements: 3U/24Tx160mm

Protection: IP00

Ordering Information

PW

The system meter will be programmed by producer according to full system measuring circuits specification (measured parameter names, measuring ranges).

