SWP-99

- ⊙ **multi-channel meter**
  with graphic display
- ⊙ **up to 8 inputs 0/4-20 mA**
- ⊙ **power supply output: 24V DC / 200 mA**
- ⊙ **RS-485 / Modbus RTU**

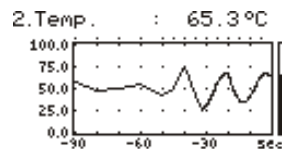The **SWP-99** indicator is intended for displaying current values from 8 measuring channels. Each channel can be individually designated (described) with any measuring unit. The LCD graphical display allows for visualization of the values from all 8 channels simultaneously. A significant advantage is possibility of viewing the trends in each measuring channel as the graphs for the last 12 seconds or about 1,5 minutes.

- programmable measuring range,
- simultaneous display of values from 8 measuring channels,
- viewing the trends in each of 8 measuring channels,
- any text description possible: name and units,
- data transfer to the master system via an RS-485 interface,
- password protected,
- programmable indication filtration,
- versions available with AC and DC power supply.

Przykładowy wygląd wyświetlacza

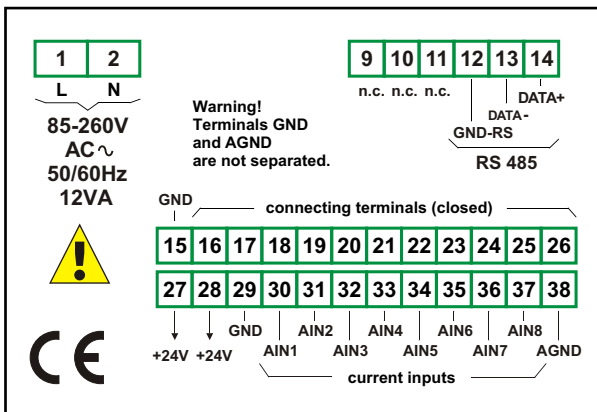*8-channel view displayed at the same time*

the history of the process in time

the current value of the measurement signal
The height of the digits: 18 mm

Examplary pin assignment

Technical data

Power supply: 19V ÷ 50V DC; 16V ÷ 35V AC or 85 ÷ 260V AC/DC
Power consumption: typical 7 VA; max. 12 VA
Display: with backlighting, graphic LCD, 128 x 64 points
Measuring inputs: 2, 4 or 8 inputs 0/4-20 mA, common earthing
Measuring range: ± 9999 + decimal point
Accuracy: ± 0,25% ± one digit in the entire operation range
Transducer power supply output: 24V DC ±5% / max. 200 mA, stabilized, not insulated from measuring inputs
Communication interface: RS 485, galvanically separated
Transmission protocol: MODBUS RTU
Transmission speed: 1200 - 115200 bit/sec.
Operating temperature: 0°C ÷ +50°C
Storage temperature: -10°C ÷ +70°C
Protection class: IP 65 (front side when an additional frame is installed); IP 40 (front side); IP 20 (case and connection clips)
Case: board
Case material: NORYL - GFN2S E1
Case dimensions: 96 x 96 x 100 mm
Panel cut-out dimensions: 90,5 x 90,5 mm
Installation depth: min. 102 mm
Board thickness: max. 5 mm

Ordering

SWP-99-X100-1-X-XX

options:
01 : IP65

power supply:
3 : 24V - 48V AC
4 : 85V - 260V AC/DC

number of channels:
2 : 2 x 0/4-20 mA
4 : 4 x 0/4-20 mA
8 : 8 x 0/4-20 mA