

SWS-94

- indicator with a large display
- RS-485 / Modbus RTU
- MASTER / SLAVE

The **SWS-94** indicator is intended for displaying the measurement data and characters defined by user sent from the master device over the RS-485 link (Modbus RTU protocol). The display brightness can be adjusted in 8 steps.

- password protected,
- display brightness adjustable in 8 steps,
- transmission speed adjustable: 1200 ÷ 115200 bit/sek.
- available with AC and DC power supply versions.

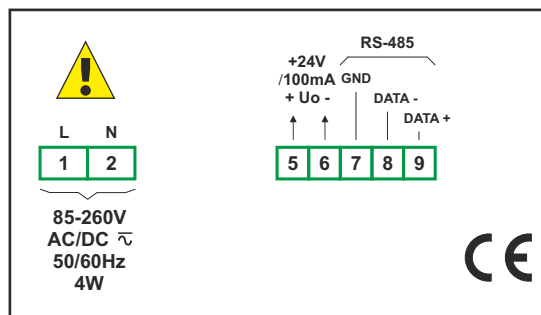


Typical applications

- Duplication of measured value.



Exemplary pin assignment



Ordering

SWS-94-0000-1-X-XX1

options:

- 00 : no options
- 01 : IP 65 frame
- 05 : 6 digits 13 mm
- 06 : 6 digits 13 mm + IP 65 frame
- 08 : operating temp. -20°C ÷ +50°C

power supply:

- 3 : 24V AC/DC
- 4 : 85V - 260V AC/DC

Technical data

Power supply: 19V ÷ 50V DC; 16V ÷ 35V AC or 85 ÷ 260V AC/DC, all separated
Power consumption: for 85 ÷ 260V AC/DC and 16V ÷ 35V AC power supply: max. 4,5 VA; 19V ÷ 50V DC power supply: max. 4,5 W

Display: LED, red (green - on request), 4 x 20 mm high or 6 x 13 mm high + 3 LED diodes (red), with 8-step adjustment of brightness

Displayed values range: 4 digits (-999 ÷ 9999 plus decimal point) or 6 digits (-99999 ÷ 999999 plus decimal point) or any of character indication in range of 7-segments display

Power supply output: 24V DC +5%, -10% / max. 100 mA, stabilized

Communication interface: RS-485 (Modbus RTU - SLAVE), not galvanically insulated

Transmission speed: adjustable in range from 1200 to 115200 bit/sek.

Transmission parameters: 8N1 and 8N2

Operating temperature: 0°C ÷ +50°C (standard), -20°C ÷ +50°C (option)

Storage temperature: -10°C ÷ +70°C (standard), -20°C ÷ +70°C (with option 08)

Protection class: IP 65 (front), available additional frame IP 65 for panel cut-out sealing; IP 20 (case and connection clips)

Case: board

Case material: NORYL - GFN2S E1

Case dimensions: 96 x 48 x 100 mm

Panel cut-out dimensions: 90,5 x 43 mm

Installation depth: min. 102 mm

Board thickness: max. 5 mm