

# SWS-94

SIMFACT II

- 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.

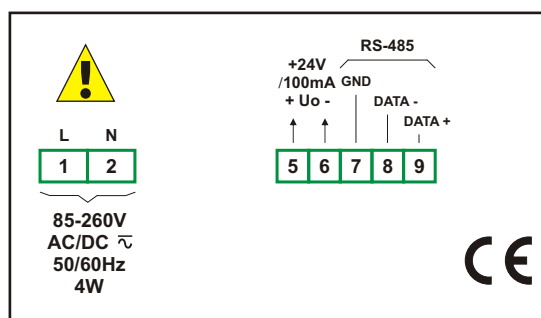


## Typical applications

- Duplication of measured value.



## Exemplary pin assignment



## 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  
**Storage temperature:** -10°C + +70°C  
**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

## 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

### power supply:

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