

SWS-N118

- ▣ wall-mounted IP65 indicator
- ▣ no analog input
- ▣ power supply output: 24V DC
- ▣ RS-485 / Modbus RTU
- ▣ MASTER / SLAVE

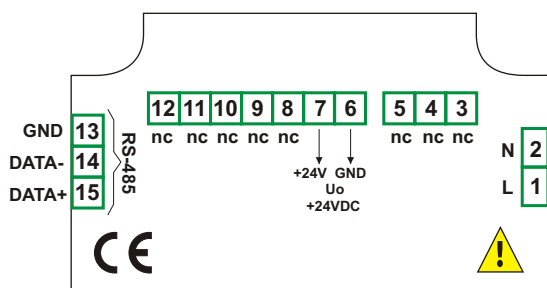
The **SWS-N118** is a simple digital panel indicator intended for displaying any numerical values and characters defined by user (in SLAVE mode only) sent from the master device over the RS-485 serial interface link. The displayed value may be collected from other device (in MASTER mode). The display brightness can be adjusted in 8 steps.

Device **SWS-N118** is equipped with RS-485 / Modbus RTU communication interface and sensor supply output. The meter can be ordered in 3 power supply versions.

The device has 4 buttons being used for main presets programming. To get high protection level, the keyboard is mounted under transparent cover. To allow user to change presets without opening the cover, an IR sensor is mounted. Remote controller keyboard is equivalent to the device keyboard (Note, that remote controller is not a part of the **SWS-N118** set - it is an additional equipment).

- password protected,
- display brightness adjustable in 8 steps,
- transmission speed adjustable: 1200 ÷ 115200 bit/sek.
- protection class IP65.

Exemplary pin assignment



Ordering

SWS-N118-0000-1-X-XX1

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

power supply:
 1 : 24V DC
 2 : 230V AC
 5 : 24V AC
 8 : 110V AC

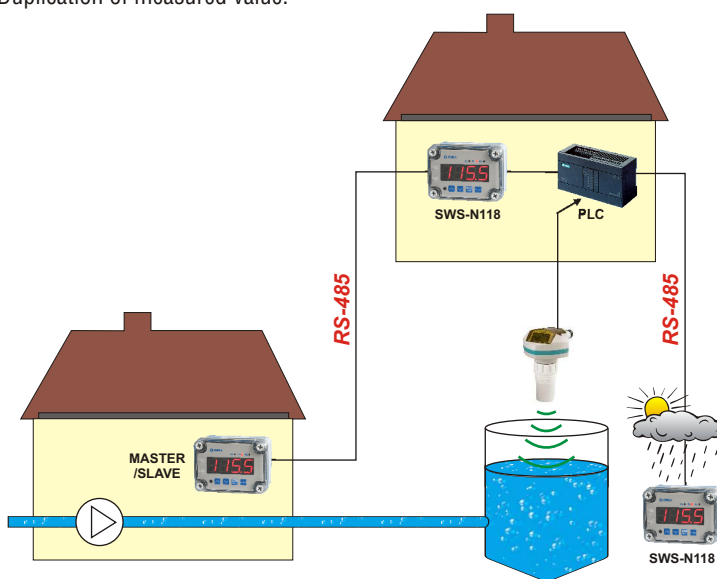


IR remote controller
SIR-15



Typical applications

1. Retransmission of a measuring signal.
2. Indication of current values of any parameters.
3. Duplication of measured value.



Technical data

Power supply: 230V AC ± 10% separated, 110V AC ± 5% separated, 24V AC ± 5% separated, 24V DC ± 15% not separated

Power consumption: for 230V, 110V, 24V AC: max. 2,6 VA; for 24V DC: max. 4,5 W

Display: LED, 4 x 20 mm high, red (green - on request), display brightness adjustable in 8 steps

Data memory: non-volatile memory, EEPROM type

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

Sensor power supply output: 24V DC, non-stabilized, not insulated from measuring inputs; for 230V and 110V AC: ± 3V, 24V AC: ± 5V, max. 25 mA; for 24V DC: ± 15% max. 100 mA

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

Case: wall-mounted

Case material: ABS + glass fibre

Case dimensions: without glands: 110 x 80 x 67 mm; with glands: 110 x 105 x 67 mm

Accessories



IR remote controller
SIR-15