

SWS-N118

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

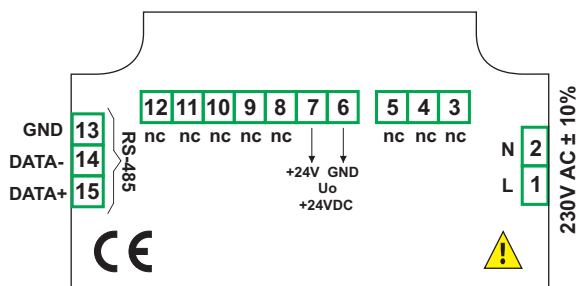
The **SWS-N118** is a simple digital panel indicator intended for displaying any numerical values and characters defined by user (in SLAVE mode only) sent from the master device over the RS-485 serial interface link. The displayed value may be collected from other device (in MASTER mode). The display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

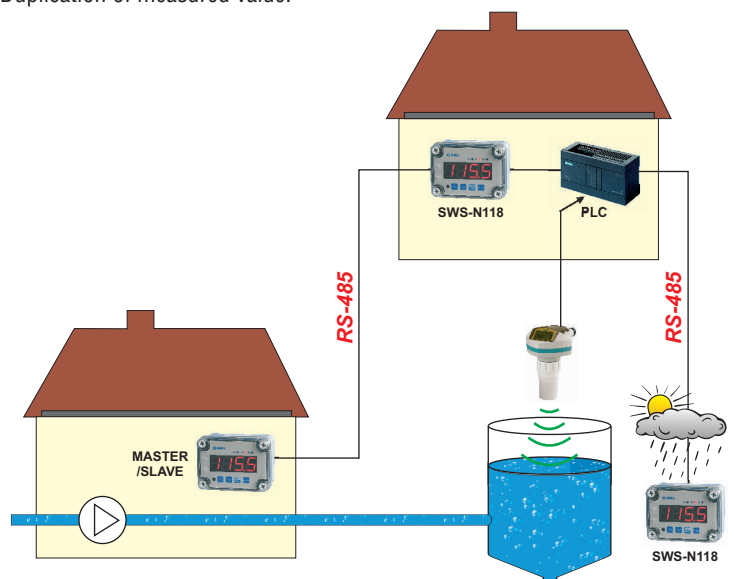
options:
08 : operating temp.
-20°C ÷ +50°C

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



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: 110V AC ± 5%, 230V AC ± 10% or 24V DC (non separated)
Power consumption: for 110V AC and 230V AC: max. 2,6 VA; for 24V DC: max. 4,5 W
Display: LED, red, 4 x 20 mm high
Data memory: non-volatile memory, EEPROM type
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
Accuracy: ± 0,25% ± one digit in the entire operation range
Communication interface: RS-485 (Modbus RTU - SLAVE), not galvanically isolated
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
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 programmer
SIR-15