

SWS-N118



IR remote controller
SIR-15

Remote controller is not a part of the device and is available on request.

- wall-mounted IP 65 case serial indicator
- power supply output: 24V DC
- RS-485 / Modbus RTU
- MASTER / SLAVE
- display: 4 or 6 digits LED
- display brightness adjustable in 8 steps
- transmission speed adjustable: 1200 ÷ 115200 bit/sek.

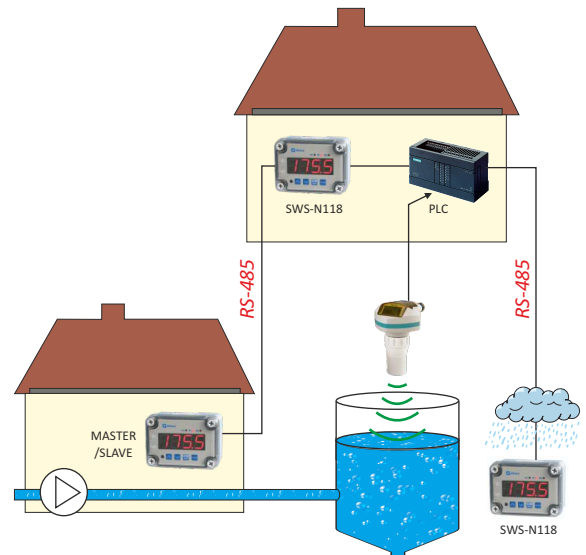
The **SWS-N118** is a simple digital panel serial indicator intended for displaying any numerical values and characters defined by user (in SLAVE mode only) sent from the master device over the RS-485 serial interface link. The displayed value may be collected from other device (in MASTER mode). The 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 2 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 has been installed.

TECHNICAL DATA

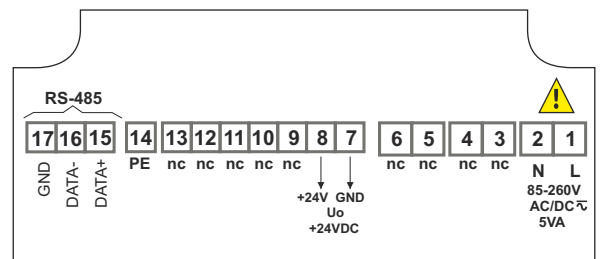
Power supply / Power consumption	19V ÷ 50V DC; 16V ÷ 35V AC or 85 ÷ 260V AC/DC, all separated; for 85 ÷ 260V AC/DC and 16V ÷ 35V AC power supply: max. 5 VA; for 19V ÷ 50V DC power supply: max. 5 W
Display	LED, 4 x 20 mm or 6 x 13 mm high, red, brightness adjustable in 8 steps
Displayed values	4 digits (-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 (not galvanically isolated)
Baud rate	adjustable in range 1200 ÷ 115200 bit/s
Transmission parameters	8N1 and 8N2
Operating temp.	0°C ÷ +50°C (standard), -20°C ÷ +50°C (option)
Storage temp.	-10°C ÷ +70°C (standard), -20°C ÷ +70°C (depending on option)
Protection class	IP 65
Case	wall-mounted; material: ABS + fibreglass
Dimensions (WxHxD)	without glands: 110 x 80 x 67 mm with glands: 110 x 105 x 67 mm
Weight	max. 330 g

TYPICAL APPLICATIONS

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



EXAMPLARY PIN ASSIGNMENT



ACCESSORIES



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ORDERING

SWS-N118-0000-1-X-XX1

options:

- 00** : no options
- 05** : 6 LED digits
- 08** : operating temp. -20°C ÷ +50°C
- 0W** : 6 LED digits + operating temp. -20°C ÷ +50°C

power supply:

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