

SWE-73-L

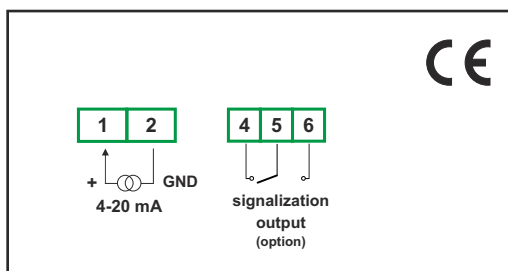
- loop-powered meter in a small case
- measurement input 4-20 mA
- optional alarm output available
- peak values detection



SWE-73-L is a simple and low cost digital indicator with a single 4-20 mA current input, which powers this device at the same time. Measurement input is equipped with safety circuits, saving internal electronics against overload. Device has possibilities of recalculating measured current according to few predefined transfer functions (linear, square, square root) or fully definable user characteristic (max. 20 points). Result is displayed on 4-digit red LED display, the range of the result is from -999 to 9999, with definable decimal point position. The device can be equipped with optional SPDT relay. Due to users safety requirements this output can drive a bulb lamp as well sound signalling device but must not be used for controlling purposes. Configuration of the device can be done using IR remote controller (when input current is higher than 10 mA, what is signalled by additional LED). Remote controller is not a part of the **SWE-73-L** and is available on request as optional equipment.

- supply from the current loop,
- detection and visualization of the peak values,
- IR remote controller as accessory.

Exemplary pin assignment



Ordering

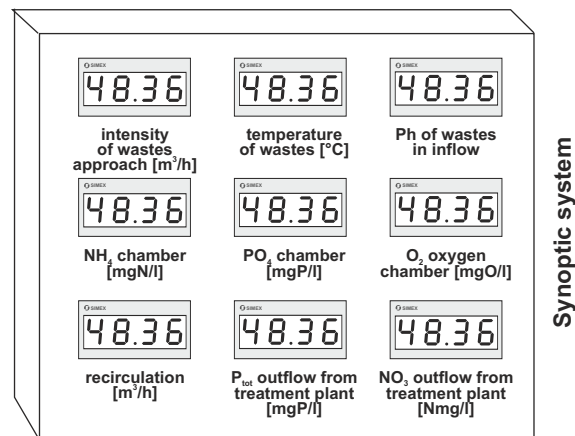
SWE-73-L-9-XX1

options:

- 00** : no options
- 01** : IP 65
- 08** : operating temp. -20°C ÷ +50°C
- 0M** : signalization output

Typical applications

1. Indication of current values of any parameters,
2. Application wherever there is a need for a quick view of many parameters, i.e. in a synoptic system.



Synoptic system

Technical data

Power supply: from measurement line, min. current 3.5 mA, max. voltage drop 7V
Display: LED, red, 4 x 13 mm high
Input: current 4-20 mA, overload-protected, input current limited to about 50 mA
Displayed values range: -999 ÷ 9999 plus decimal point
Accuracy: 0.1% @25°C
Stability: 50 ppm/°C
Output (option): 1 x relay SPDT 30V/500 mA, resistive load, for signalization purpose only
Data memory: non-volatile memory, EEPROM type
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 40 (front side); IP 65 (front side when an optional seal is installed); IP 20 (case and connection clips)
Case: board
Case material: NORYL UL94V-0
Case dimensions: 72 x 36 x 77 mm
Panel cut-out dimensions: 67 x 32,5 mm
Installation depth: min. 78 mm
Board thickness: max. 5 mm

Accessories



IR remote controller
SIR-15