

SLI-73

- ⦿ up-down and down-up pulse counter
- ⦿ 2 pulse counting inputs
- ⦿ 1 programmable function input
- ⦿ 1 counter reset input
- ⦿ 1 relay output

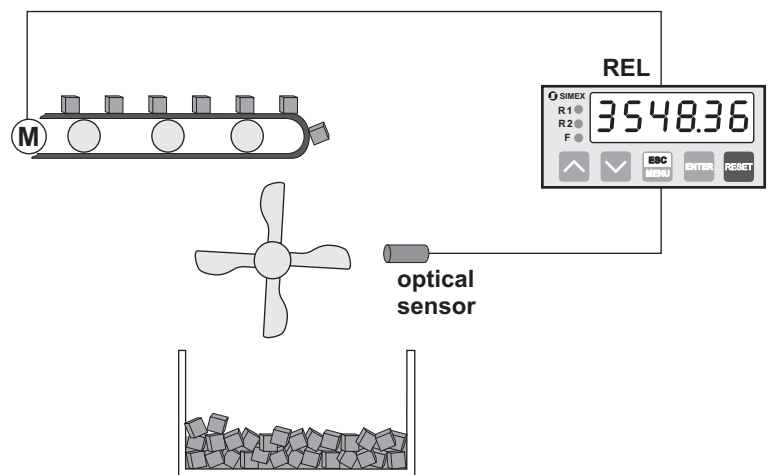


The **SLI-73** counters have two independent counting inputs that can operate in various configurations. A programmable function input enables changing the operating mode of the counting inputs or stopping the count. Controlling external equipment can be achieved by an in-built relay or OC output with programmable triggering thresholds. The counters are fully and easily configurable to the customer needs via the buttons on the front panel.

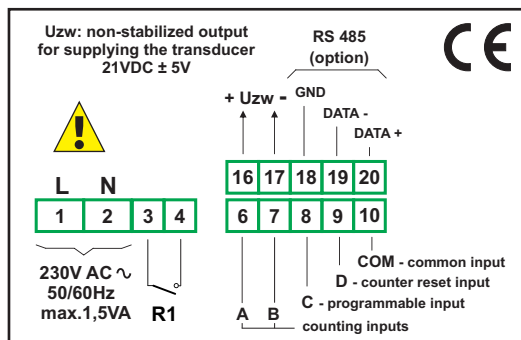
- 4 counter reset sources,
- password protection,
- automatic reset option,
- programmable multiplier, divider, offset,
- programmable decimal point position,
- ACCESS option - easy threshold modification,
- transducer power supply output 21V DC \pm 5V,
- interface RS 485.

Typical applications

1. Counting amount of manufactured items, featuring production line control.



Exemplary pin assignment



Technical data

Power supply: 230V AC \pm 10% or 24V DC (non separated)
Power consumption: for 230V AC power supply: max. 1,5 VA; for 24V DC power supply: max. 3,5 W

Display: LED, red, 6 x 9 mm high

Inputs: pulse

- A and B inputs - counting (down-up and up-down)
- C input - programmable
- D input - counter reset
- COM - common input

Input levels: low: 0 V + 3 V
 high: 10 V + 30 V

Measuring range: from -99999 to 999999

Outputs: 1 relay 1A/250V AC ($\cos \phi = 1$) or the OC 30mA/30VDC/100mW

Transducer power supply output: 21V DC \pm 5V, non-stabilized, not insulated from measuring inputs; for 230V AC power supply: max. 15 mA; for 24V DC power supply: max. 100 mA

Communication interface (option): RS 485, 8N1, 2400 bit/s + 115200 bit/s, Modbus RTU (not galvanically isolated)

Data memory: non-volatile memory, EEPROM type

Operating temperature: 0°C + +50°C

Storage temperature: -10°C + +70°C

Max. input frequency: electronic: 10 kHz
 contact: max. 90 Hz (adjustable filter)

Protection class: IP 65 (front side when an additional frame is installed); IP 40 (front side); IP 20 (case and connection clips)

Case: board

Case material: NORYL - GFN2S E1

Case dimensions: 72 x 36 x 97 mm

Panel cut-out dimensions: 66,5 x 32,5 mm

Installation depth: min. 102 mm

Board thickness: max. 5 mm

Ordering

SLI-73-141X-X-X-XX1

options:

- 00 : no options
- 01 : IP65

power supply:

- 1 : 24V DC
- 2 : 230V AC

communication interface:

- 0 : without interface
- 1 : RS-485

type of outputs:

- 1 : REL
- 2 : OC