SLIK-94

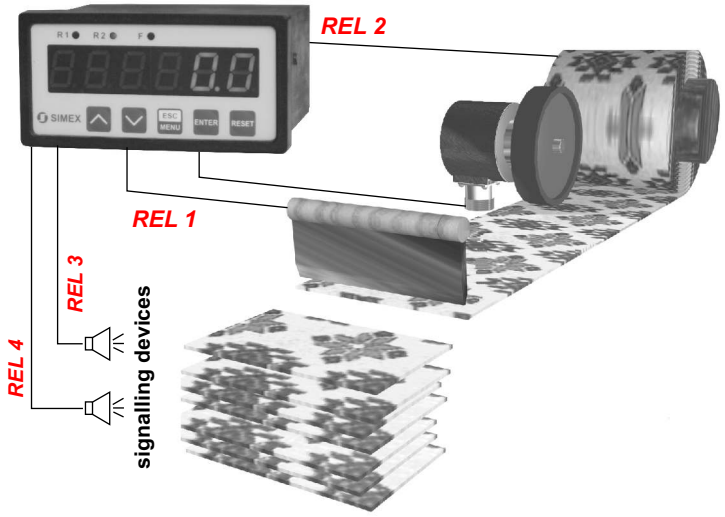
- multi-purpose counter with batching function
- 2 pulse counting inputs
- 1 programmable function input
- 1 counter reset input
- 2 or 4 relay (or OC) outputs

The **SLIK-94** counter is a cross between the existing SLI-94 and SLK-94. The device has two independent counting inputs that can operate in various configurations.
A programmable function input enables changing the operating mode of the counting inputs (up-down and down-up or quadrature) or stopping the count. The **SLIK-94** counter features an independent reset input. It has 2 or 4 relays (or OC outputs) with programmable activation thresholds, which can be used to control external equipment.

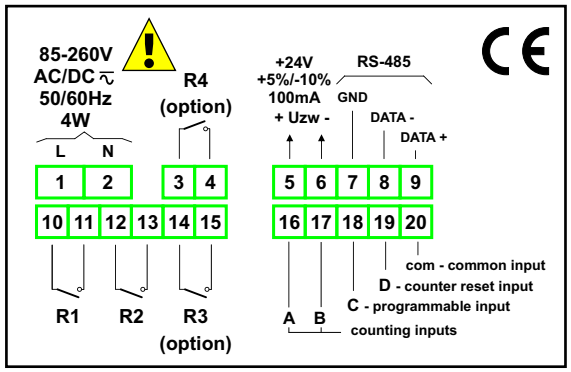
- digital interference eliminator,
- 4 counter reset sources,
- relays operation time programmable to 99 min.,
- programmable multiplier, divider and offset,
- programmable decimal point position,
- ACCESS option - easy threshold modification,
- interface RS-485,
- available with AC and DC power supply versions.

Typical applications

1. Measuring the length of the material being wound, featuring control of the cutting knife drive system according to set parameters, control of the material drive system, as well as alarm signalling.



Examplary pin assignment



Technical data

Power supply: 19V ÷ 50V DC; 16V ÷ 35V AC or 85 ÷ 260V AC/DC
Power consumption: for 85 ÷ 260V AC/DC and 16V ÷ 35V AC power supply: max. 4,5 VA; 19V ÷ 50V DC power supply: max. 4,5 W
Display: LED, red, 6 x 13 mm high
Inputs: pulse
A and B inputs - counting (down-up and up-down or quadrature)
C input - programmable
D input - counter reset
COM - common
Input levels: low: 0 V ÷ 1 V
high: 10 V ÷ 30 V
Max. input frequency: electronic: 10 kHz / 5 kHz (for quadrature)
contact: max. 90 Hz (adjustable filter)
Displayed values range: from -99999 to 999999
Outputs: 2 or 4; relays 1A/250V AC (cosφ=1) or the OC 30mA/30VDC/100mW
Transducer power supply output: 24V DC +5%, -10% / max. 100 mA, stabilized, not insulated from measuring inputs
Communication interface: RS-485, 8N1 and 8N2, 1200 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
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: 96 x 48 x 100 mm
Panel cut-out dimensions: 90,5 x 43 mm
Installation depth: min. 102 mm
Board thickness: max. 5 mm

Ordering

SLIK-94-15XX-1-X-XX1

options:
00 : no options
01 : IP 65

power supply:
3 : 24V AC/DC
4 : 85V - 260V AC/DC

type of outputs:
1 : REL
2 : OC

number of outputs:
2
4