

# SLIK-94

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

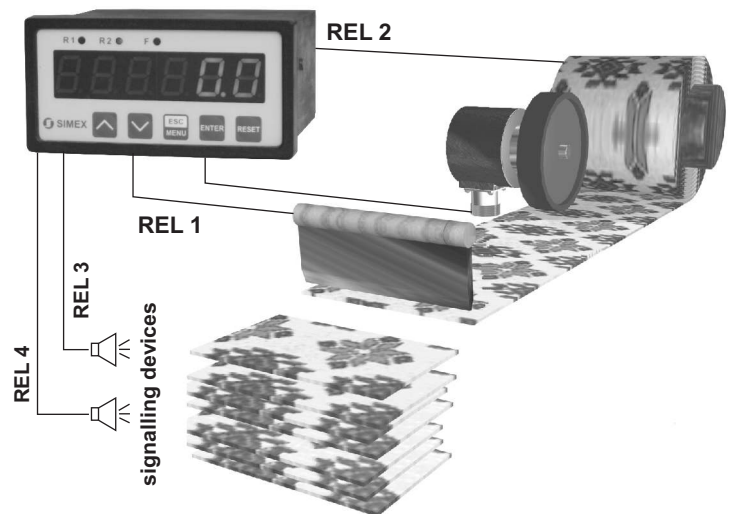


The **SLIK-94** counter is a cross between the existing SLI-94 and SLK-94. The device has two independent counting inputs that can operate in various configurations. A programmable function input enables changing the operating mode of the counting inputs (up-down and down-up or quadrature) or stopping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

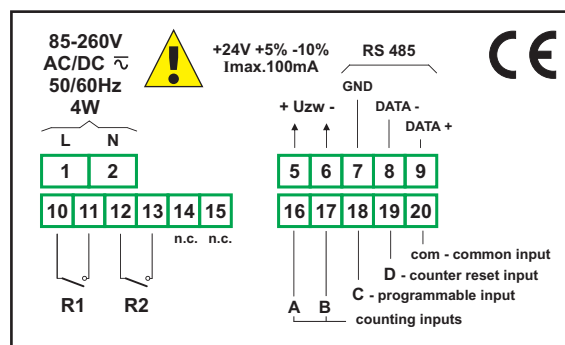
- digital interference eliminator,
- 4 counter reset sources,
- relay operation time programmable to 9,9 sec.,
- programmable multiplier, divider and offset,
- programmable decimal point position,
- ACCESS option - easy threshold modification,
- interface RS-485,
- available with AC and DC power supply 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.



## Exemplary 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
- Input levels:** low: 0V ± 3V  
 high: 10V ± 30V
- Measuring range:** from -99999 to 999999
- Outputs:** 2 or 4; relays 1A/250V AC (cos φ = 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, 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 / 5 kHz (for quadrature); 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:** 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 : IP65

### power supply:

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

### type of outputs:

- 1 : REL
- 2 : OC

### number of outputs:

- 2
- 4