SLE-73

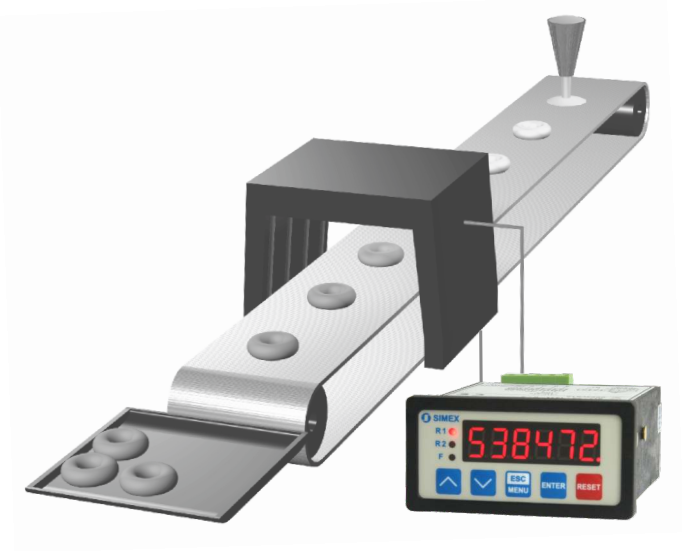
- **economical pulse counter**
- **1 pulse counting input**
- **1 programmable function input**
- **power supply output 24V DC**
- **prescaler and digital filter**
- **RS-485 / Modbus RTU**

The **SLE-73** meters have been designed exclusively for applications where a progressive counting of impulses is required. They feature two entry ports: counting and with a programmable function that can be used for resetting the meter to zero or stopping / changing its direction of travel (as required). The built-in entry port divisor with programmable value from 1 to 9999, along with an adjustable decimal point, permits a simple transfer of incoming impulses into the units required.

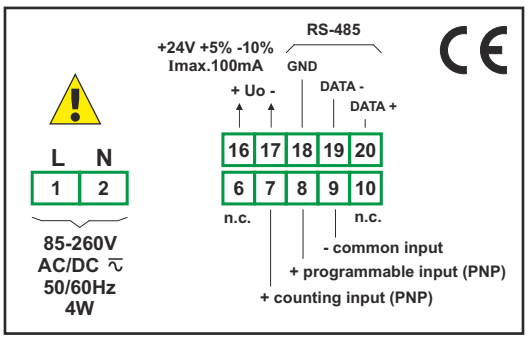
- easy-to-operate device programming menu,
- programmable input divider: 1-9999,
- password protection,
- switching off counter reset,
- programmable decimal point position,
- available with AC and DC power supply versions.

Typical applications

1. Counting amount of manufactured elements.



Examplary pin assignment



Technical data

Power supply: 19V ÷ 50V DC; 16V ÷ 35V AC or 85 ÷ 260V AC/DC, all separated
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 9 mm high
Inputs: pulse; 1 x counting PNP (down-up and up-down); 1 x programmable (PNP)
Input levels: low: 0 V ÷ 1 V
high: 10 V ÷ 30 V
Max. input frequency: electronic: 3 kHz
contact: max. 90 Hz (adjustable filter)
Displayed values range: from -99999 to 999999, with signalling of overfilling
Transducer power supply output: 24V DC +5%, -10% / max. 100 mA, stabilized, not insulated from communication interface
Communication interface: RS-485, 8N1 and 8N2, 1200 bit/s ÷ 115200 bit/s, Modbus RTU (not galvanically insulated)
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 65 (front), available additional frame IP 65 for panel cut-out sealing; 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

SLE-73-1400-1-X-XX1

options:
00 : no options
01 : IP 65 frame
08 : operating temp. -20°C ÷ +50°C

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