

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.

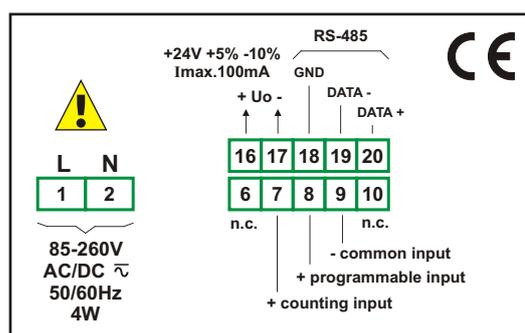


Typical applications

1. Counting amount of manufactured elements.



Exemplary pin assignment



Ordering

SLE-73-1400-1-X-XX1

options:

- 00 : no options
- 01 : IP 65

power supply:

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

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 9 mm high

Inputs: pulse; 1 x counting (down-up and up-down); 1 x programmable

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 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: 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