- **Easy handling**
- **External set/reset/inhibit inputs**
- **Digital brightness control**
- **Extensive programmable output performance**
- **Potential free output relays (changeovers)**

Z57 series

Z57 is a multi programmable preset counter/indicator with two presets, or alternatively one preset (if ordered "SN011"). Z57 evaluates the input pulses and processes them corresponding to the programmed functions and registers. The result will be showed on 6-digit LED-display and the output relays switched subject to the programmed limits.

An auxiliary 6-digit display monitors the preset limits in the standard version, switching over between preset 1 and preset 2.

Two external inputs are available:

1) Reset/Set
2) Inhibit (counting process interrupted)

Additionally, it's possible to dedicate the reset/set function to the "R"-button located on front panel. The user can define the operation of the output relays by simple internal registers. For instance, the relays can be programmed as a pulse signal (0,1...9,9 sec time). The actual status of the outputs can be monitored by a status LED.

Standard Z57 (2 limits/presets)

An additional 4-digit LED-display is used for setting the registers and shows the current active preset (H1 or H2).

Z57-SN011 (1 limit/preset)

The SN011 Version is simply an alternative version of Z57, with only one limit/preset. But the main functions and registers are still available. The 4-digit display and the numeric keys are not applicable in this version.
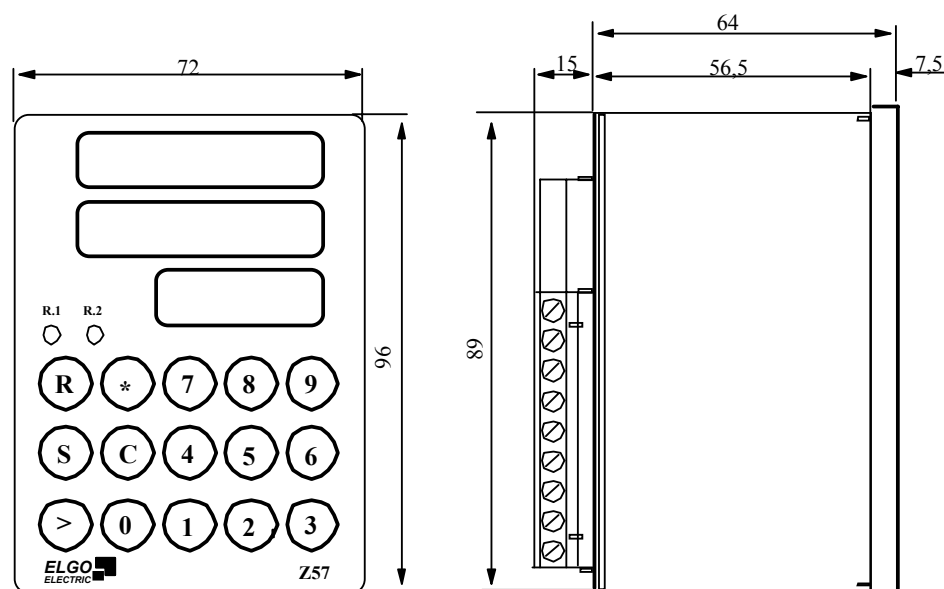
Standard Z57   **Z57-SN011**

Mounting/installation

On the rear of the unit there are two mounting links, with tapped holes for panel mounting of the unit. The panel cut out dimensions for mounting are as follows, (H x W = 93 mm x 67 mm). Mounting screws are included in the delivery.

Dimensions

Type designation

Z57 - 000 - XXX - X - X

Z = Counter (German = Zähler)

Version
000 = Standard with 2 presets/relays
011 = Special version with one preset/relay

Supply
024 = 24 VDC, +/- 10 %
115 = 115 VAC
230 = 230 VAC
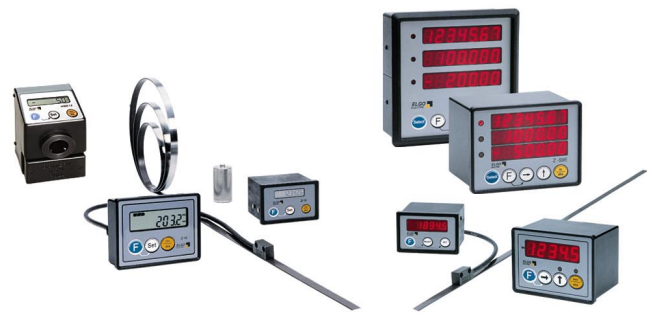
Measuring system input
M = Adaptation to magnetic length measuring system
(ELGO-MIX, PMIX, FMIX, LMIX or EMIX)

Options
S = Serial interface RS 232 (software option on request)

Technical specifications

Nominal voltage AC	(V)	230 or 115
Nominal voltage DC	(V)	24
Allowed tolerance of voltage	(%)	+/- 10
Power consumption		230 VAC = 15 VA / 24 VDC = 12 W
Housing		panel housing, anodized Aluminium
Protection class Housing/Connections		IP40 / IP00
Connections		plugable screw terminals
Operation temperature	(°C)	0...+50
Supply/encoder	(V)	24 VDC / 200 mA, short circuit proof
Consumption at 24 V DC signal input	(mA)	10
external input	(mA)	10
Input frequency signal input max.	(KHz)	20 (100 KHz at Option M)
external input max.	(Hz)	60
Relay outputs		2 (1 at SN011) changeovers 250 VAC / 3 A
Display		6 digit LED, red, 8 mm high, with sign 1 x LED rot (status of relays)
Panel cut out		h x w = 93 x 67 mm

ELGO ELECTRIC

Z57 series

Position Indicator
with 2 presets and
counter function