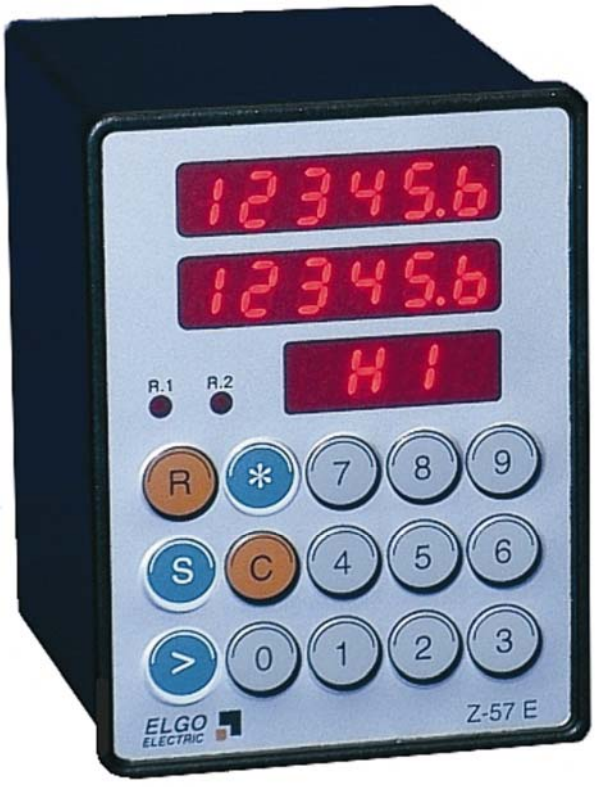
ELGO ELECTRONIC

Series Z57



Position Indicator with 2 programmable presets and Counter function

Z57 Position Indicator with 2 programmable presets and counter function

General: *Z57* is a multi programmable preset counter/indicator with two presets, or alternatively one preset (if ordered "SN011"). *Z57 is* evaluates the input pulses and processes them corresponding to the programmed functions and registers. The result is showen on the 6-digit LED-display and sets the output relays to the programmed behavour. An auxiliary 6-digit display monitors the preset limits in the standard version, switching between preset 1 and preset 2.

Two external inputs are available:
1) Reset/Set
2) Inhibit (counting process interrupted)

Additionally, it is possible to dedicate the reset/set function to the "R"-button located on front panel (programmable). The user can define the operation of the output relays by through different modes.
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.

Product features:

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

Standard Z57

Z57-SN011

Mounting/installation: On the rear of the unit 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.

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) external input (mA)	 10 10
Input frequency signal input max. (KHz) external input max. (Hz)	 20 (100 KHz at Option M) 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

Order reference:

For orders, please use the following order code:

Z57 - _ _ _ - _ _ _ - _ - _
A A A - B B B - C - D

A Version

000 *ELGO* standard with 2 preset and Relay

011 First special version

B Supply

024 24 VDC, +/- 10%

115 115 VAC

230 230 VAC

C Measuring system input

M For magnetic measuring systems (*ELGO*-MIX, LMIX or EMIX)

D Options

S Interface RS 232 (Software option on request)

For Example:

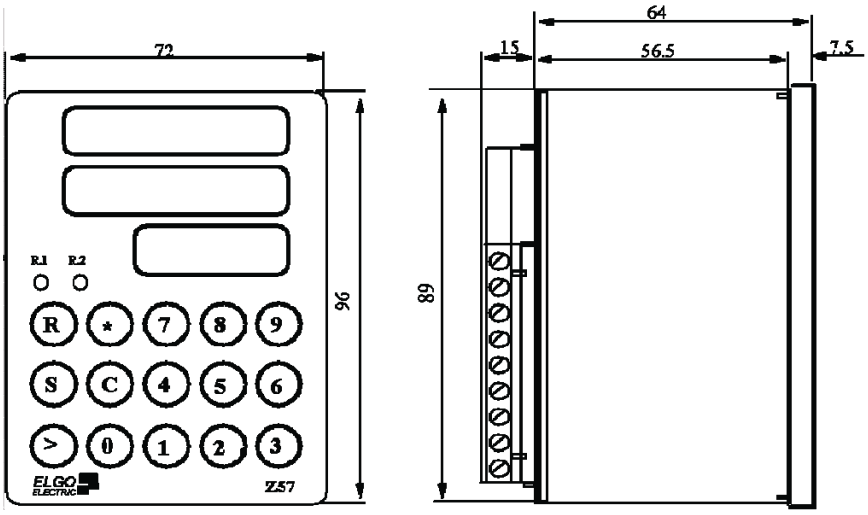
Z57 - 0 0 0 - 0 2 4 - M - S
A A A - B B B - C - D

ELGO Standard Z57 with 2 presets and Relay, 24 VDC supply, measuring system input M und the interface RS 232.

Your Order:

Z57 - _ _ _ - _ _ _ - _ - _
A A A - B B B - C - D

Dimensions:



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