Series 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 shown on the 6-digit LED-display and sets the output relays to the programmed behaviour. 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)

**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) 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

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-M, 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 and the interface RS 232.

Your Order:

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

Dimensions: