

# Z25

■ **INDICATE**



1 axis- mini- position indicator

## Z25 1 axis - mini - position indicator

**General:** The 1-axis- mini- position indicator is the smallest display ELGO offers. Despite its very small size the high-contrast luminous display guarantees a convenient and accurate read-off-possibility for the determined position. The indicator can be set to zero either trough the dust-tight front keypad or trough external signals. This advancement of our mini-position display evaluates incremental length measuring systems, rotary encoders and absolute measuring systems.

The new Snap-In allows easy and quick installation in the defined outbreak on the front panel.

**Applications:** The mini- position indicator can be used for instant presentation of measurements, for example back stop adjustment, length and angle or speed measurement.

### Features:

- 7-digit LCD-display
- Sign
- „°“ - display
- 2 external inputs
- 2 external outputs
- Easy mounting
- Inch-mode with fraction display
- Tool offset function
- Switch-over between relative and absolute measurement
- Power down memory
- Adjustable reference value
- Adjustable pulse factor
- 1- ,2- 4-edge triggering
- Up / Down difference counter

### ELGO measuring systems compatible to Z25:

Every incremental and absolute measuring systems from ELGO. Small extract from our product range. For more information, visit [www.elgo.de](http://www.elgo.de).

#### Incremental measuring systems:



ELGO PMIX



ELGO LMIX/EMIX



ELGO EMIX23/LMIX22

#### Absolute measuring system:



ELGO EMAX

## Technical specifications:

Display	LCD-display 7 decades (digit height 10 mm) with sign and units
Units	mm, m, inch or „ <sup>o</sup> “-symbol
Perspective	12 o'clock
Keyboard	Foil with softkeys
Measurement	Linear or rotative
Power supply	+ 24 VDC +/- 20%
Power consumption (without measuring system)	25 mA at 24 VDC
Operation temperature	0... +50 °C
Storage temperature	-20... +80 °C
Housing	Norm panel housing, plastic, black
Dimensions	W x H x D = 74 x 50 x 23 mm
Install depth incl. plug	27 mm
Panel cut out	W x H = 68 x 45 mm
Protection class	IP54

## Order reference:

For orders, please use the following order code:

Z25 -          -          -   

### A SN-Number

000 ELGO standard

001 first special version

### B Power supply

024 24 VDC

### C Signal Input

0 A, B

24 V / 24 V

2 A, A', B, B', 0, 0'

24 V / 5 VDC (D-SUB)

4 FMAX

(D-SUB)

5 EMAX

(D-SUB)

For example:

Z25 - 000 - 024 - 0  
A A A - B B B - C

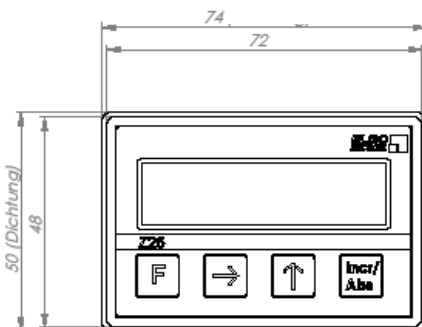
Z25 ELGO Standard with 24 VDC and signal input A, B (24 V/24 V).

Your order:

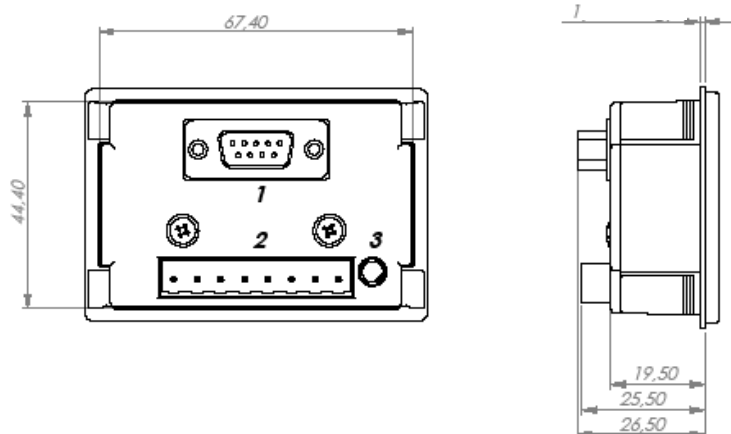
Z25 -          -          -   

## Dimensions:

Front view



Side view



Dok.-Nr. 799000560  
Z25-E\_47-09

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