



- Input: pulse counter with presets
- Display: 2 x 6-digit LCD
- Output:
1 relay N/C contact/N/O contact
- Operation: push
buttons on front panel
- Material: plastic
- Panel mounted
- Power supply: battery



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Model:
ZEZ-2B



Description

The KOBOLD model ZEZ-2B 6-digit battery-operated pulse preset counter features a counting input and a reset input. The maximum counting frequency is 25 Hz. The two-line LCD screen displays the cumulative count, the preset value and the switching mode of the output signal. The preset value is easy to set since each decade has its own preset button assigned to it. The red SET button resets the display value.

The following modes are programmable:

- Counting mode (adding or subtracting)
- Output: Continuous signal or automatic repeat
- Contact: N/O contact or N/C contact
- Time-delayed signal for automatic repeat
- Decimal point upto max. 3 decimal places

The counter has 48 x 48 mm DIN standard housing that fits a 45 x 45 mm panel cutout. A push-on frame adapter is also supplied to accommodate 50 x 50 mm cutouts.

Typical applications

- Production piece counting
- Automation
- Machinery
- Control systems

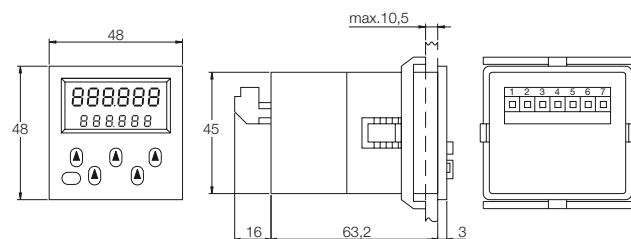
Scope of delivery

- ZEZ counter
- 2 lithium batteries
- Pluggable screw terminal
- Front frame for screw mounting 50 x 50 mm
- Front frame for mounting with bracket 50 x 50 mm
- Bracket
- Template for panel cutout

Technical Details

Max. counting frequency:	25 s ⁻¹
Voltage level:	counting input and reset input logic "1": 12 to 250 V _{AC} /V _{DC} logic "0": <3 V _{AC} /V _{DC}
Input resistance:	110 kΩ
Response time / inputs:	50 ms (reset input) 15 ms (keypad lock)
Input polarity:	bi-directional opto-coupler input for counting and reset input +3 V _{DC} (keypad lock)
Display:	2 x 6-digit LCD
Ambient temperature:	-10 to +50 °C
Storage temperature:	-20 to +60 °C
Housing:	48 x 48 mm black plastic
Mounting:	panel mounted
Data back-up:	8 years with 5x10 ⁶ switching cycles / 25 °C ambient temperature with two lithium-batteries
Output:	bi-stable relay, N/O contact or N/C contact programmable
Response time /output:	< 20 ms
Electrical connection:	pluggable screw terminal
Batteries:	2x1/2 AA Lithium 3.6 V replaceable
Noise immunity:	VDE 843, part 4, severity 3
Protection type:	IP 65 at front
Weight:	approximately 80 g

Dimensions



Order code: ZEZ-2B