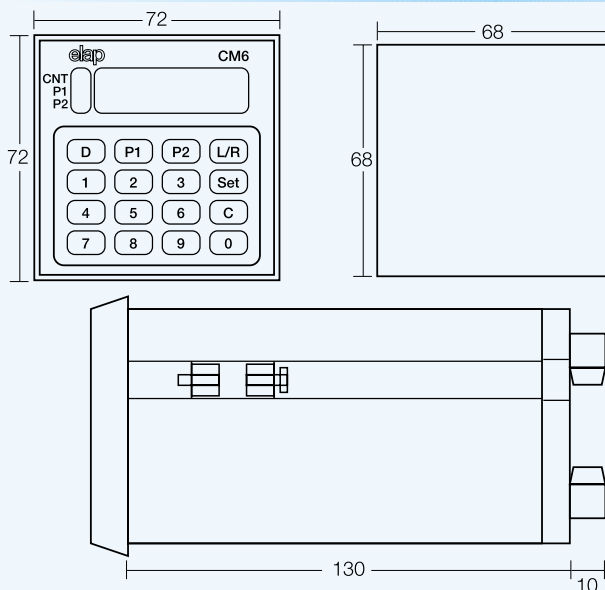# ELAP CM6

MULTIFUNCTION COUNTER

Accurate, reliable and easy to use, **CM6** is a small-sized counter with a lot of different functions: all basic features can be programmed by the user, who can fit it to different applications in every field of industry.

CM6 is ideal to detect and control quantities and measurement of lengths where cutting tasks are carried out, as well as for dosing, packing and coiling. The set-up and production parameters are entered via the front keyboard; the key D allows reading of the preset values and the count record

PROGRAMMABLE CHARACTERISTICS VIA THE KEYBOARD BY MEANS OF A NUMERICAL CODE

- **COUNT MODE:**
  - UP-COUNTER
  - DOWN-COUNTER
- **COUNT TYPE:**
  - Bidirectional x1, x2, x 4,
  - Monodirectional x1, x2,
  - Input by micro-switch
- **OPERATING CYCLE:**
  - single cycle with steady outputs
  - single cycle with time outputs
  - repeat cycle with 1 steady output + 1 time output
  - repeat cycle with time outputs
- **DECIMAL DIGITS:** 0, 1, 2, 3

DIMENSIONS

TECHNICAL SPECIFICATIONS

- **Supply:**
  - 230 or 115 or 24Vac 50/60Hz ±10% - 4VA
- **Output of the transducer supply:**
  - 1 2Vdc ±5% max 70mA
- **Count frequency:**
  - 4KHz primary wave for amplified signals
  - 30Hz for microcontacts
- **Input sugnals:**
  - by mono or bidirectional, rotary or linear encoders, or NAMUR inductors with NPN open collectors or by micro-switch
- **Outputs:**
  - on 2 relays with 1 switch contact 250V 50A
- **Data memory on EEPROM**
- **Connections:**
  - by extractible terminal box, accessible from rear
- **Display:**
  - high-definition 7-segment display with 6 digits
- **3 LEDS** signalling the count and preset phase
- **Anti-scratch** polyester keyboard

COMPLYING WITH $C\epsilon$ **STANDARD**