



# ELAP CM78

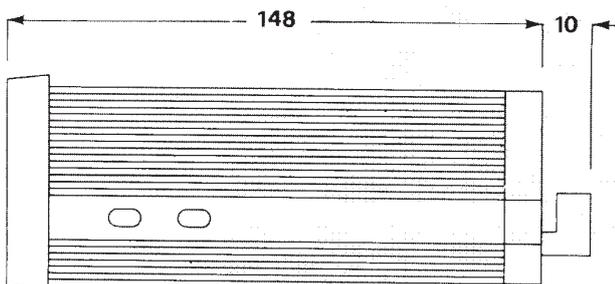
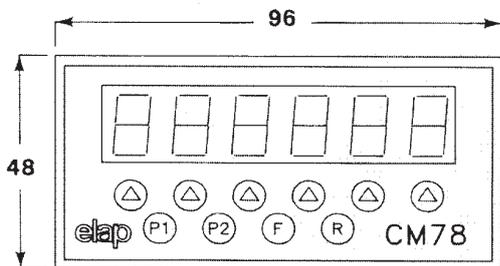
## MICROPROCESSOR COUNTER/DISPLAY OR FAST INCREMENTAL INDICATOR OR ANALOG INDICATOR

ELAP CM78 is a very fast instrument which can manage input speeds up to 40kHz as direct counter input and up to 10kHz with quadrupling, this with indication of max. 6 digits or 5 with negative sign.

2 relay outputs are included and 5V or 12V transducer supply can be specified at order. RS232 or RS485 is an option for all the main program versions and for special versions 2 instruments can communication with each other.

### SPECIFICATIONS

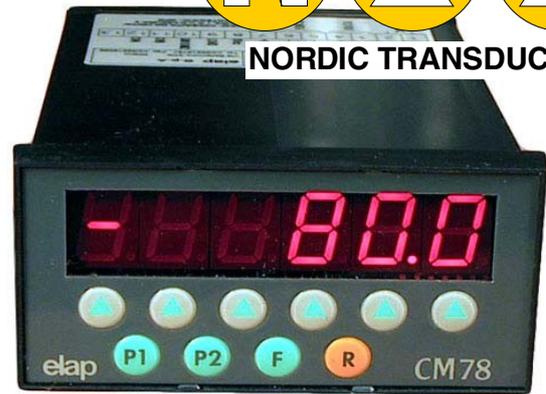
- ✓ Supply 220 VAC or 24/110 VAC 50/60Hz +/-10%
- ✓ 6 digit display / 5 with negative sign.
- ✓ Counter input NPN open collector signal (PNP as option)
- ✓ 2 normally open relay, 3A max. 220V max.
- ✓ 2 inputs which are used at specific programs
- ✓ Decimal point selectable on display
- ✓ Correction factor for input
- ✓ Data stored in EEPROM



PANEL CUT OFF 92x45 mm



NORDIC TRANSDUCER



CM78 Can be delivered with more than 40 different software versions, depending on the type of job it has to fulfil, as basic versions these can be following

### Counter for

#### ENCODER or MICRO SWITCH INPUT

Up / down counter with 2 relay outputs  
Speed counter with correction factor.  
Preset counter with 2 relay outputs  
2 preset counters with setup via RS232  
Tacho input with relation between 2 inputs  
Counter with total and subtotal indication.  
Tacho with time-base between 2 input.  
Indication of angel / degree

### INCREMENTAL TRANSDUCER

All types can be sat up to x4, x2 or direct.  
Indication of length with 2 set-point relays  
Length with zero pulse and 2 setpoint relays  
Length with LOAD value for zero + 2 relays  
Indication of degree  
Direct indication with analog output +/-10V or 0-10V.  
Direct indication with input for mm or Inch.

### ANALOG TRANSDUCER

Direct indication with 2 setpoint relays  
Direct indication with LOAD value for zero.

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