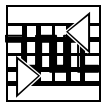
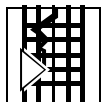
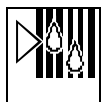
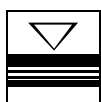
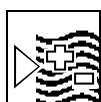
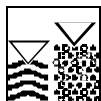


# Model E 7000-20

## Electronic Predetermining Counter

8 digits bright LED display  
Analog input  
Full scale programmable  
Square root  
Dual threshold programmable  
Solid state memory  
Cut-off adjustable  
Reset manual or automatic



The series E7000 electronic counter features state-of-the-art CMOS microprocessor circuitry, bright 7,65mm (0.30") LED display (8 digits) and solid state EEPROM memory rated for 10 years life.

It is possible to integrate the analog input other linear or with automatic square root computation.

Full scale, linear or square signal and reset inhibit settings are protected by an electronic key.

The series E7000 are housed in 96x48mm DIN case which can be installed directly on front panels.

## Inputs

Signal : 0 to 2V; 0 to 10V; 0 to 20mA; 4 to 20mA

Input impedance : 0 to 20mA / 4 to 20mA = 100 ohm  
0 to 2V / 0 to 10V = 250 Kohm

## Display

8 digits high efficiency red H=7,62mm (0.3")  
Scale, limits and decimal point programmable on front panel keyboard

## General features

Accuracy : 0.1% f.s.

Full-scale : 1 to 360.000 pulse/hour

CUT-OFF : adjustable of 0 to 9.9% f.s.

Reset : automatic or manual with time adjustable  
(max : 99.99 sec)

Totalizing counter pulse output : TTL level pulses 5msec. long

Output relay contact : SPDT 2A 250V max

Memory : EEPROM rated for 10 years

Power supply: 115/230Vac  $\pm 10\%$  50/60Hz  
12/24Vac  $\pm 15\%$  50 /60Hz

Power consumption: 3VA max

Temperature limits for specified accuracy: 0 to 50°C  
(32 to 122°F)

Temperature limits for storage: -20 to +70°C  
(-4.0 to 158°F)

Case: self-extinguish ABS resin

Overall dimensions: 96x48x150mm DIN 43700  
( 3.77" x 1.88" x 5.90" )

Protection: IP 54

Weight: 0.3 Kg. ( 10.34 oz )

Terminal: screw terminals

Panel assembling: n° 2 screw brackets