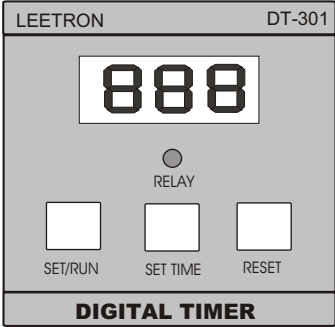

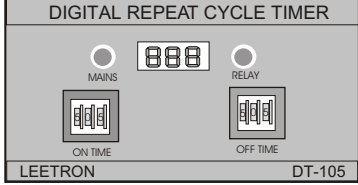
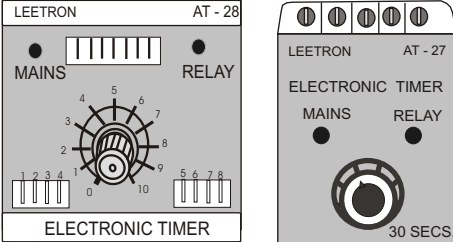
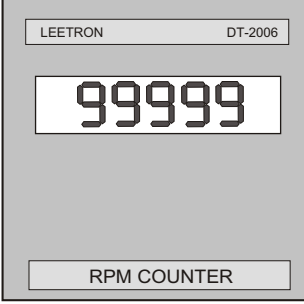
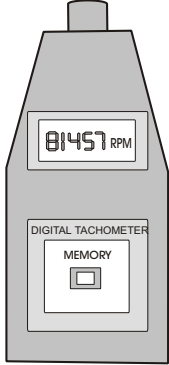




TIMERS, COUNTERS, RPM METERS & SENSORS

CLOCK
PROCESS

DESCRIPTION	SPECIAL FEATURES	SPECIFICATIONS
<p>Digital On-Delay Timer in down counting mode, 2-3 digits , Power-on reset and fixed time range. LC= Least count : 0.1 sec./1 sec./0.1 min./0.1 Hr. operating mode : normal (on-delay)mode interval on(off-delay)mode resetting mode : manual resetting auto resetting auto resetting with over flow indication</p>	<p>Off- Delay (Interval On) function, Upcounting , user Selectable range operating mode selection through DIP switch. 'Reset+Start' function through front reset Switch (with parallel provision through back terminals) reset & Start functions through independent switches. Instantaneous (Hold- On Contact)relay output. Alarm output indicating expiry of time count (through inbuilt piezo electric buzzer.) Alarm output (as above) auto off after 5 secs. External Start Signal.</p>	<p>Time Ranges : 0-9,99,999 secs./mins./hrs. Setting Accuracy : 0.5% of Full Scale Range. Repeat Accuracy : 0.5% of Full Scale Range. Reset Time : 250 milli secs. Approx. Operating Mode : On- Delay/Off Delay (Interval On) with Power On External Start Signal. On- Delay Mode : Input Supply, Output Relay. Off Delay Mode : Input Supply, Output Relay. External Start (ON -Delay), Start Signal(Closure of Contact/DC pulse) (On-Delay) Input Supply : 230/110V AC or 12/24V DC</p>
<p>DIGITAL TIMER</p>	<p>DIGITAL TIMER</p>	<p>DIG REPEAT CYCLE TIMER</p>
		
<p>Similar to M. Number DT - 102 but having time setting though feather touch switches Microcontroller based</p>	<p>Quartz Crystal Controlled timing voltage regulated dig. CMOS circuit. ON/delay/OFF delay operation 2/3/4 digits 12.5 mm high LED display error free digital time setting by means of thumb wheel switches. Down counting or Up counting mode indicating Elapsed Time/ Balance Time.</p>	<p>The Digital Repeat cycle Timer, DT-105 ON and OFF time settings in steps Thumb Wheel Switches for setting the On & Off times independently. Digital display counts up from zero to On time Reset to zero to count the Off time Quartz crystal controlled time base, Accuracy of 0.01% where as RCT 104 has Accuracy of 0.5% of the full scale Ranges.</p>
<p>ELECTRONIC TIMER</p>	<p>DIG. TACHO. RPM METER</p>	<p>DIGITAL TACHOMETER</p>
		
<p>Compact size: (48x48mm) panel, wall mounted Multi range : ranges 0-1/8/16/32 Sec/Min./Hr. Selectable through front mounted DIP switch. Voltage regulated RC circuit with digital CMOS counters for accurate long time counting. Special process monitoring : provides useful indication of Elapsed Time through unique 8 stage LED array. Time setting though linear potentiometer on graduated scale having 10 divisions. Single range single function Timer (ON/OFF delay type),</p>	<p>Wide range : 1 to 99,999 RPM- covers all applications. Bright red, 5 digit, 0.3" LED display visible from long distance. Quartz Crystal & EPROM based- very high accuracy(upto±1RPM). RPM Based on interval between two reflections. Provision for connecting any sensor as photo reflective pickup, inductive proximity switch etc. (Built in 12V DC Power Supply available sensor) Work on Single pulse per revolution sensing- no mounting of gears/discs etc. Required.</p>	<p>Display : 5 digits (0.5") Test Range : 1 to 99,999 RPM Accuracy : ± 1RPM from 1 to 5,000 RPM ± 0.05% over 5,000 RPM Resolution : 1 RPM Sampling Time : 1 sec(over 60 RPM) Memory : Automatic, last reading automatically goes into memory. Battery : 4 × 1.5 VAA size. (Penlite cells) Weight : 250V gm with battery. Size (in mm) 170 ×72 ×38 mm(L ×B ×D) Detecting distance : 50 to 150mm/2 to inches</p>

THE INSTRUMENTATION POINT FOR EVERY APPLICATION
MICRO PROCESSOR-CONTROLLER TECHNOLOGY, COMPUTERISED INSTRUMENTATION

TIMERS ,COUNTERS

SERIES : 2000

INTRODUCTION

SYSTEMS & PROJECT ENGG.
ERECTION & COMMISSIONING
SERVICES - MAINTENANCE
CALIBRATION - TESTING
MANUFACTURING - TRADING
CUSTOM MADE DESIGNING
INSTRUMENT CONTROL PANLES.

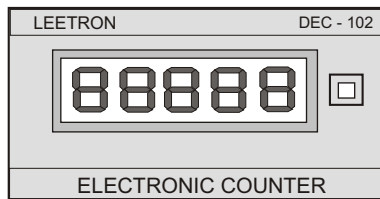
APPLICATIONS

PROCESS PLANTS / INDUSTRIES
SCIENTIFIC RESEARCH & DEVP. LABS.
INDUSTRIAL AUTOMATION
CHEMICAL, FERTILISER,
PHARMACEUTICALS PLASTIC, RUBBER,
TEXTILE, HEAT TREATMENT, FOUNDRY,
STEEL, METALLURGICAL, CEMENT,
PAPER, AUTOMOBILE, ELECTRICAL
INDUSTRIES

SPECIAL FEATURES

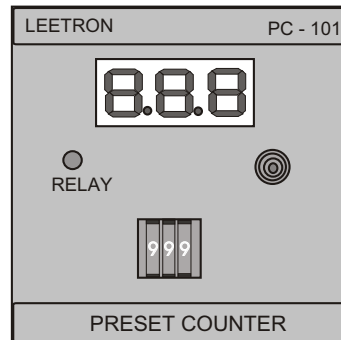
NOISE PROOF RELIABLE OPERATION.
MEMORY RETENTION.
AUTO / MANUAL RESETTING.
UP / DOWN COUNTING MODE.
OVERFLOW / SATURATION SELECTION.
REMOTE START FACILITY.
AUTOMATIC ADJUSTMENT TO ALL
COUNTING SPEEDS.

DIGITAL EVENT COUNTER



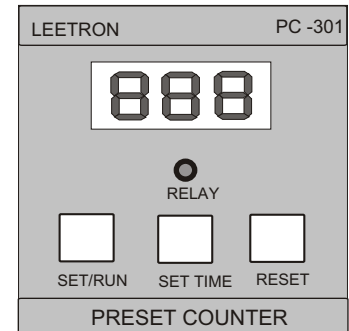
Very compact size.(48x96x100mm)
6 digits up counter
Other specifications similar to M.No.
DEC- 102.
Also available : Digital Event Counter
with 3½ digits LCD display (battery Operated)
M. No DEC- 106

DIGITAL PRESET COUNTER



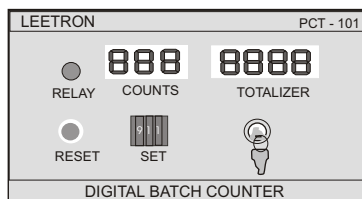
Available in 2/3/4/5/6 digits.
Upcounting mode.
Counts setting by thumb wheel
switches.
Control output though SPDT 5A
relay.

DIGITAL PRESET COUNTER



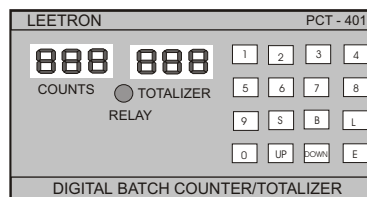
Similar to M. Number PC - 101 but
having counts setting though feather
touch switches.
Microcontroller based

DIGITAL BATCH (PRESET) COUNTER with TOTALIZER



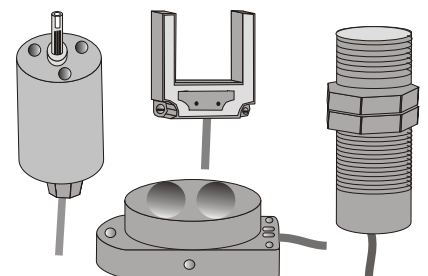
Presettable batch counter
(autoresetting type) in 3 digits with 3 or
4 digits totalizer for counting number of
batches or gross counts.
Locking facility

DIGITAL BATCH COUNTER/ TOTALIZER



Similar to M Number PCT - 101
but having counts setting through
board.
Microcontroller based
Software lock

SENSORS



Micro Switch, Potential Free Contact,
Infra Red- U type, Tx-Rx, Reflective,
Optical- Beam, Array, Reflective,
Proximity Switches, Reed Switches,
Magnetic pick-ups
Encoder-Shaft, Incremental,

CONTINUOUS DEVELOPMENT OF OUR PRODUCTS MAY NECESSITATE CHANGES IN THESE DETAILS WITHOUT NOTICE.



LEETRON SYSTEMS

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