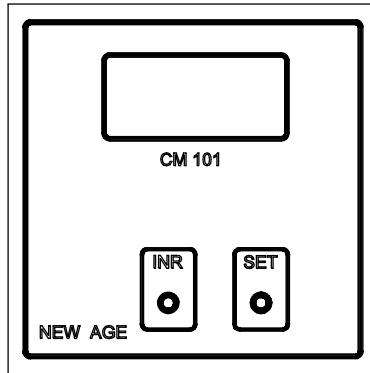


# CM101 SERIES DIGITAL PROGRAMMABLE COUNTERS

- Microprocessor Design
- All CMOS circuit
- Low Power Consumption
- Economical
- 3 Digit Seven Segment Display
- 1 to 999 count
- 1-100 prescaler
- 2 push switch panel operation
- prescaler setting also from front panel
- Optional Power fail feature



New Age has introduced universal programmable digital Electronic Counters. These Counters use CMOS microprocessor IC to reduce power consumption, chip count and increase reliability. The Counters have a 3 digit seven segment LED display. The Counter has a programmable count of 1 to 999. All these settings can be done at the user end without opening the timer cabinet just from the front panel of the Counter. The prescaler operation is very useful as it can save you another counter. Say you want to count the revolution of a fan which has 3 blades and you are using a proximity switch for sensing the blades. Setting the Prescaler to 3 will display the total revolutions of the fan on the counter.

The Counters are housed in Industry standard 96 X 96 X 110 DIN Cabinets. Standard units Provide one change over contact of relay @ 230 VAC 6A or 24 V DC @ 6A. The timers operate from 230 VAC mains supply. Optionally other voltage options can be provided. Both the prescaler and Counter settings are preserved in a EEPROM and do not change at the time of power failures for any prolonged length of time. Unlike the thumbwheel switches as the settings are preserved in an EEPROM there is no possible damage to the Counters during transport and handling where as units with thumbwheel settings are likely to get damaged during transportation and handling.

**Optional power fail feature gives added benefit of preserving the balance count if power fails before timeout and continues with the balance count as soon as power resumes. This is specially useful when correct operation even after a power failure is required**