

MD SERIES

ELECTRONIC PRESET COUNTER

- DIN 72X72 SIZE
- 2 or 4 DIGITS AVAILABLE
- LARGE RED LED DISPLAY (14.2 X 8.13mm)
- EASY SETTING BY THUMBWHEEL SWITCHES
- WITH MEMORY MODELS AVAILABLE
- DUST PROOF DIGITAL SWITCH



MODEL SELECTION

Models	Digits	Preset	Preset Digits	Preset Range	Memory	Weight
MD - 122 *	2	1	2	1 ~ 99	—	530 g
MD - 122M *			2	1 ~ 99	○	550 g
MD - 144	4		4	1 ~ 9999	—	540 g
MD - 144M			4	1 ~ 9999	○	560 g

* Discontinued models

SPECIFICATIONS

Models	MD - 122 / MD - 144	MD - 122M / MD - 144M
Display	Red LED, 14.22 x 8.13mm (Zero Suppress)	
Input Method / Signal	Contact Input : Relay, Microswitch Non-Contact Input : L: 0 - 1V ; H: 4.5 - 27V	
Count Mode	Additive only	
Count Speed	Contact Input : 20 Hz max. / Non-Contact Input : 1000 Hz max.	
Pulse Width	Contact Input : 25 msec min. / Non-Contact Input : 0.5 msec min.	
Duty	1:1	
Output Type	Contact output : Relay Type 1A only (AC250V, 0.5A / DC30V, 2A maximum Load) Non-contact output : NPN open collector (DC30V, 100mA maximum)	
Output Display	Turns ON during output time	
Output Time	One-shot output mode : 0.2sec / 1sec Overrun output mode : infinite	
Reset	Remote reset (100msec min.) Auto reset : One-shot reset (Output relay - 0.2sec or 1sec reset) Power reset (1sec min.)	Remote reset (100msec min.) Auto reset : One-shot reset (Output relay - 0.2s / 1s reset)
Memory	None	E ² PROM (10 yrs. retention, 10,000 times)
Power Source for Sensor	DC12V 30mA maximum	
Input Impedance	5kΩ	
Power Supply	AC100/110V or AC200/220V ±10%, 50/60 Hz	
Power Consumption	Approximately 4VA	
Operating Temperature	-5 - +40°C (Non-freezing)	0 - 40°C (Non-freezing)
Operating Humidity	45 - 85%RH (Non-condensing)	
Hi - Pot Test	AC1500V (1 minute)	
Dielectric Test	20MΩ min. (DC500V megger)	
Connection	M3 Terminal Screw	