

# MDR SERIES

## BIDIRECTIONAL ELECTRONIC COUNTER

- DIN 72X72 SIZE
- BRIGHT LARGE LED DISPLAY (4 or 6 DIGITS)
- SWITCH OR PULSE INPUT
- WITH MEMORY



Discontinued  
MDR - 040M



MDR - 060M

### MODEL SELECTION

Models	Digits	Memory	Weight
Discontinued MDR - 040M	4	○	530 grams
MDR - 060M	6	○	530 grams

### SPECIFICATIONS

Models	MDR - 040M	MDR - 060M
Display	Red LED, 14.22 x 8.13mm (Zero Suppress)	Red LED, 10.16 x 5.54mm (Zero Suppress)
Input Method / Signal	Contact Input : Relay, Microswitch Non-Contact Input : L: 0~1V ; H: +4.5~27V	
Count Mode	90°Quadrature (directional) / Add/Subtract	
Count Speed	Contact Input : 20 Hz max. /	Non-Contact Input : 5000 Hz max.
Pulse Width	Contact Input : 25 msec min. /	Non-Contact Input : 100 μsec min.
Make (Duty)	1:1	
Reset	Front reset (push button) Remote reset (100msec min.)	
Memory	E <sup>2</sup> PROM (10 yrs. retention, 10,000 times)	
Power Source for Sensor	DC12V 50mA maximum	
Input Impedance	5kΩ	
Power Source	AC100/110V or AC200/220V ±10%, 50/60 Hz	
Power Consumption	Approximately 3.5VA	
Operating Temperature	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	

### REAR TERMINALS & WIRING

