

MICROPROCESS RPM & LINE-SPEED METER, 24x48mm (Low Power)

MODEL MR24



■ FEATURES

- Accuracy 0.01% F.S.
- Accepts input rates up to 50KHz
- Display type of RPM or line-speed can be modified
- Display unit M/min, Y/min, ft/min can be modified
- Input pulse of revolution can be modified (1~99999)
- Dimension small (24x48x48.5mm) and High stability
- Discrete terminal, connector easy
- CE EMC certification

1: MODEL: MR24-□ □ □

NO	Input Type (Exciting)	NO	Input Rates	NO	Aux. Power	NO	Aux. Power
A	Pulse (TTL) (DC5V)	1	50 Hz	A	DC5V(Non-isolating)	E	AC/DC20~260V (Isolating)
B	Pulse (NPN) (DC12V)	2	50KHz	B	DC5V(Isolating)		
C	Pulse (PNP) (DC12V)			C	DC12V(Non-isolating)		• DC Power ±10%
O	SPECIFIED		1: Contact input 2: Non-contact input	D	DC12V(Isolating)		• Less 0.75VA for input

• Aux. Power is DC5V (non-isolating)
The exciting only DC5V

2: SPECIFICATION

- Measuring accuracy : 0.01% F.S. (23±5°C)
- Count input type : Jump-pin selectable current sourcing (NPN) or current sinking (PNP)
- Count input trigger levels : High level: $V_{IH}=4\sim30V$ (Pulse)
Low level: $V_{IL}=0\sim2V$ (Pulse)
- Maximum count rates : 50KHz (50% duty cycle)
- Sampling time : 10 cycles/sec. (>10Hz)
f cycles/sec. (<10Hz)
- Over input indication : " doFL "
- Readout range : 0~99999 digit adjustable
- Diameter setting : 0~9.9999M (Touch switches setting)
- Display : Bright Red LEDs high 8.6mm (0.338")
- Parameter setting : Touch switches
- Sensor power supply : 5VDC±10% (<40mA)
12VDC±10% (<40mA)
- Memory mode : Non-volatile E² PROM memory
- Insulation resistance : >100Mohm with 500Vdc (input/power)
- Dielectric strength : 1.0KVac/1 min. (input/power)
- Operating condition : 0~50°C (20 to 90% RH non-condensed)
- Storage condition : 0~70°C (20 to 90% RH non-condensed)
- Outside dimension : 24x48x48.5mm
- Case material : ABS
- CE EMC Certification : EN 55022:1998/A1:2000 Class A
EN 61000-3-2:2000
EN 61000-3-3:1995/A1:2001
EN 55024:1998/A1:2001

3: OUTSIDE DIMENSION AND CONNECTION DIAGRAM

