(6 DIGIT MICROPROCESS COUNTER,48x96mm)

MODEL MC

■ (FEATURES)

- (Accepts input rates up to 10KHz)
- Accept input rates 50 or 10000 CPS can be modified)
- (Four counting modes Up,Down,Up/Down, quadrature can be modified)
- (Quadrature sensing up to 4 times resolution)
- (Input scaling multiplied 0.00001 to 9.99999 can be modified)
- (Two alarm function)(optional)
- (Count inhibit function(GATE control))
- (15 bit DAC analog output function)(optional)
- (Digit RS-485 interface function)(optional)

1:MODEL:MC-□ □ □ - □ □ □

NO	Input Type
A	Pulse (TTL) (5V)
B	Pulse (NPN) (12V)
C	Pulse (PNP) (12V)
O	SPECIFIED

NO	Input Rates
1	50 pulse/sec
2	10000 pulse/sec

1:Contact input
2:Non-contact input

NO	Alarm Output
0	None
1	One
2	Two

•Relay contact (AC250V-3A,DC30V-5A)

NO	Analog output
N	None
I	DC4-20mA
V	DC0-10V
R	SPECIFIED

•input/output Isolating

NO	RS-485
N	None
Y	RS-485

•Modbus mode

NO	Aux.POWER
A	AC/DC18-60V
B	AC/DC90-260V

•Less 4VA for AC/DC input

2:SPECIFICATION

- Count input type : Jump-pin selectable current sourcing(NPN) or current sinking (PNP)
- Count input trigger levels : HI bias (CMOS) (V_{IH}=7.5V, V_{IL}=5.5V) LO bias (TTL) (V_{IH}=3.7V, V_{IL}=2.0V)
- Max.count rates : <10KHz (up,down,up/down mode) <5KHz (quadrature mode)
- Readout (compare)rang : -199999 to 999999
- Output hold time : 0.1 to 99.9 second adjustable
- Output reset type : Manual(N) or automatic (R or C) can be modified
- Relay contact output : AC 250V-3A, DC 30V-5A
- Analog output resolution : 15 bit DAC
- Response time : < 1/f+10ms(0-90%)
- Output drive capability : < 10mA for voltage mode < 10V for current mode
- Output ripple (p-p) : < 0.1% F.S.
- RS-485 address : "01"-"FF"
- RS-485 baud rate : 19200/9600/4800/2400 selective
- RS-485 protocol : Modbus RTU mode
- Display : Red high efficiency LEDs high 14.22mm (.56")
- Parameter setting : Touch switches
- Sensor power supply : 12VDC +/-3%(<60mA)
- Memory mode : Non-volatile E^2 PROM memory
- Dielectric strength : 2KVac/1 min. (input/output/power) 1600Vdc (input/output)
- Operating condition : 0-60°C(20 to 90% RH non-condensed)
- Storage condition : 0-70°C(20 to 90% RH non-condensed)
- 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