

微電腦型多功能轉速, 線速控制錶(48x48mm)

(MULTI-FUNCTION MICROPROCESS RPM & LINE-SPEED CONTROLLER METER, 48X48mm)

**MODEL
MR48**



■特點(FEATURES)

- 精確度0.03%滿刻度(Accuracy 0.03% F.S.)
- 最大輸入頻率50KHz(Accepts input rates up to 50KHz)
- 計數速度50/50000 脈波/秒可選擇(Accept input rates 50 or 50000 CPS can modified)
- 雙輸入運算功能(Dual input math function B-A,B/A,(B/A-1),1-(B/A),B/(A+B))
- 轉速,線速可任意設定(Display type of RPM or line-speed can be modified)
- 感應器輸入脈波數可任意設定1至99999(Input pulse of revolution can be modified(1~99999 pulse/revolution))
- 2組警報功能(Two alarm function)(optional)
- 16 BIT 類比輸出功能(16 bit DAC analog output function)(optional)
- 數位RS-485界面(Digit RS-485 interface function)(optional)
- 防護等級NEMA4/IP65(Protection class NEMA4/IP65)

1. MODEL:MR48-□

(選購型號)

NO	Input Type(Exciting Voltage)	NO	Input rates	NO	Alarm Output	NO	Alarm Output	NO	Analog output	NO	RS-485	NO	Aux.Power
A	Pulse (PNP)(5V)	1	50 Pulse/Sec	0	None	3	One(Transistor NPN)	N	None	N	None	A	AC/DC18~60V
B	Pulse(NPN)(12V)	2	50000 Pulse/Sec	1	One(Relay)	4	Two(Transistor PNP)	I	DC4~20mA	Y	RS-485	B	AC/DC90~260V
C	Pulse(PNP)(12V)	•1>Contact input	•2:Non-contact input	2	Two(Relay)	•Max.DC30V/40mA	V	DC0~10V			•Modbus mode		•Less 3VA for AC/DC input
O	SPECIFIED				•Relay contact(AC250V-5A,DC30V-5A)		R	SPECIFIED			•256 nodes on bus		

2. SPECIFICATION(主要規格)

- Measuring accuracy (精確度) :0.03% F.S.(23±5°C)
- Count input type (脈波輸入型式) :Jump-pin selectable current sourcing(NPN) or current sinking(PNP)
- Count input trigger levels (脈波觸發電位) :High level:V_{IH}=DC4~30V(Pulse)
Low level:V_{IL}=DC0~2V(Pulse)
- Max.count rates (最高輸入頻率) :50KHz(50% duty cycle)
- Sampling time (取樣時間) :10 cycles/sec.(>10Hz)
f cycles/sec.(<10Hz)
- Readout range (顯示值範圍) :-19999~99999 digit adjustable
- Scale setting (顯示係數設定範圍) :0.0001~9.9999(RPM)
0.0001~9.9999M(Line-speed)
- Alarm action (警報動作方向) :HI or Lo adjustable
- Transistor output type (電晶體輸出型式) :Photo couple of open-collector (Max.DC30V/40mA)
- Relay contact output (繼電器容量) :AC250V-5A,DC30V-5A
- Analog output resolution (類比輸出解析度) :16 bit DAC(Isoating)
- Response time (輸出反應速度) :<250ms(0~90%)
- Output drive capability (輸出負載能力) :<10mA for voltage mode
<10V for current mode
- Output ripple(p-p) (輸出之漣波) :<0.1%F.S.
- RS-485 address (通訊位址) :"01"~"FF"(0~255)
- RS-485 baud rate (傳輸速度) :19200/9600/4800/2400 selective
- Display (顯示幕) :Red high efficiency LEDs high 10.16mm(0.4")(PV)
Red high efficiency LEDs high 7.00mm(0.28")(SV)
- Parameter setting (參數設定方式) :Touch switches
- Sensor power supply (感應器電源) :5Vdc ±3%(<60mA)
12Vdc ±3%(<60mA)
- Memory mode (記憶型式) :Non-volatile E²PROM memory
- Dielectric strength (絕緣耐壓能力) :2KVac/1 min.(input/output/power)
1600Vdc(input/output)
- Operating condition (使用環境條件) :0~50°C (20 to 90% RH non-condensed)
- Storage condition (存放環境條件) :0~70°C (20 to 90% RH non-condensed)
- CE EMC Certification (CE 認證) :EN 55022:1998/A1:2000 Class A
EN 61000-3-2:2000
EN 61000-3-3:1995/A1:2001
EN55024:1998/A1:2001

3.OUTSIDE DIMENSION AND CONNECTION DIAGRAM

(外型尺寸與開孔尺寸與配線圖)

