MA-SMRP 微電腦型轉速/線速控制錶(指撥開關設定型)

SetPro

(48x96mm)

特點

- 精確度0.03%滿刻度
- 可量測直流脈波,磁性感應器信號
- 最大輸入頻率50KHz
- 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
- 感應器輸入脈波數可任意設定1至99999
- 2組警報功能
- 16 BIT 類比輸出功能
- 數位RS-485界面

1. 選購型號

MA-SMRP - □ □ - □ □ □ □ [X] X=NIL (non-maximum hold function),X=M(Maximum hold function)

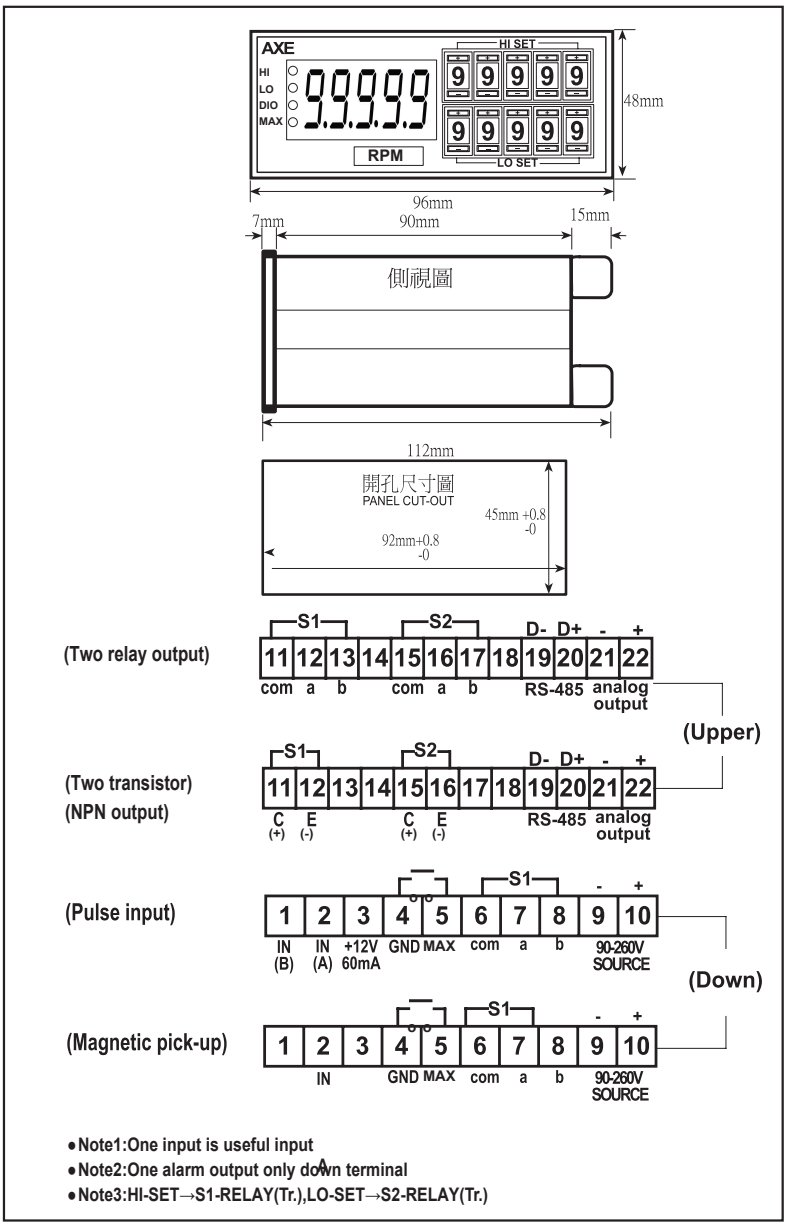
NO	Input Type	NO	Input Type	NO	Display unit	NO	Alarm output	NO	Alarm output	NO	Analog output	NO	RS-485	NO	Aux.Power
A	Pulse(TTL)(5V)	E	Magnetic pick-up (500mV~15V)	1	RPM	0	None	3	One (Transmitter NPN)	N	None	N	None	A	AC/DC18~60V
B	Pulse(NPN)(12V)			2	M/min	1	One(Relay)	4	Two (Transmitter NPN)	I	DC4~20mA	Y	RS-485	B	AC/DC90~260V
C	Pulse(PNP)(12V)	F	AC2~60V	3	Y/min	2	Two(Relay)	Transistor output (Photo couple of open-collector,Max.DC30V/40mA)		V	DC0~10V	Modbus mode 256 nodes on bus		Less 4VA for AC/DC input	
D	Magnetic pick-up (50mV~1.5V)	O	SPECIFIED	4	ft/min	Relay contact (AC250V-5A,DC30V-7A)				T	• DC4~20mA				
				9	SPECIFIED					R	SPECIFIED				

• Two-wire transmitter(Exciting voltage DC10~36V)

2.主要規格

- •Measuring accuracy (精確度) :0.03% F.S.(23 5℃)
- •Count input type (脈波輸入型式) :Jump-pin selectable current souring(NPN) or current sinking(PNP)
- •Count input trigger levels (脈波觸發電位) :High level:VIH=DC4~30V(Pulse) Low level :VIL=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) :0~99999 digit adjustable
- •Diameter setting (直徑設定範圍) :0 to 9.9999M
- •Alarm action (繼電器動作方向) :HI or Lo adjustable
- •Relay contact output (繼電器容量) :AC250V-5A,DC30V-7A
- •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) <10V for current mode <[(V+)-7.5V]/20mA for two-wire 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")
- •Sensor power supply (感應器電源) 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℃(20 to 90% RH non-condensed)
- •Storage condition (存放環境條件) :0~70℃(20 to 90% RH non-condensed)

3.外型/開孔尺寸與配線圖



- Note1:One input is useful input
- Note2:One alarm output only down terminal
- Note3:HI-SET→S1-RELAY(Tr.),LO-SET→S2-RELAY(Tr.)