微電腦型脈波輸入瞬間量, 累積量顯示電錶(無電源式)(24x48mm)

(MICROPROCESS RATE & TOTALIZER METER(SELF-POWER),24X48mm(PULSE INPUT)

MODEL MFRTS

■特點(FEATURES)

- •可直接量測脈波信號,顯示瞬間量或累積量,無需另接輔助電源 (Self-power,measuring pulse input ,display rate and totalizer)
- •顯示範圍0至99999(5位數瞬間量)0至99999999(8位數累積量) (Programmable rate 0 to 99999 digit(rate),0 to 99999999 digit(totalizer))
- •精確度0.05%滿刻度(瞬間量)(Accuracy 0.05% F.S.(rate))
- •頻率輸入範圍0.01Hz至1KHz(Input range form 0.01Hz to 1KHz)
- •瞬間量與累積量時間基數可任意規劃 (Programmable time base 1 or 60 or 3600 second)
- •尺寸小(24x48x48.5mm),穩定性高(Dimension small(24x48x48.5mm) and High stability)
- •分離式端子,配線容易(Discrete terminal,connector easy)
- •CE認證(CE EMC certification)

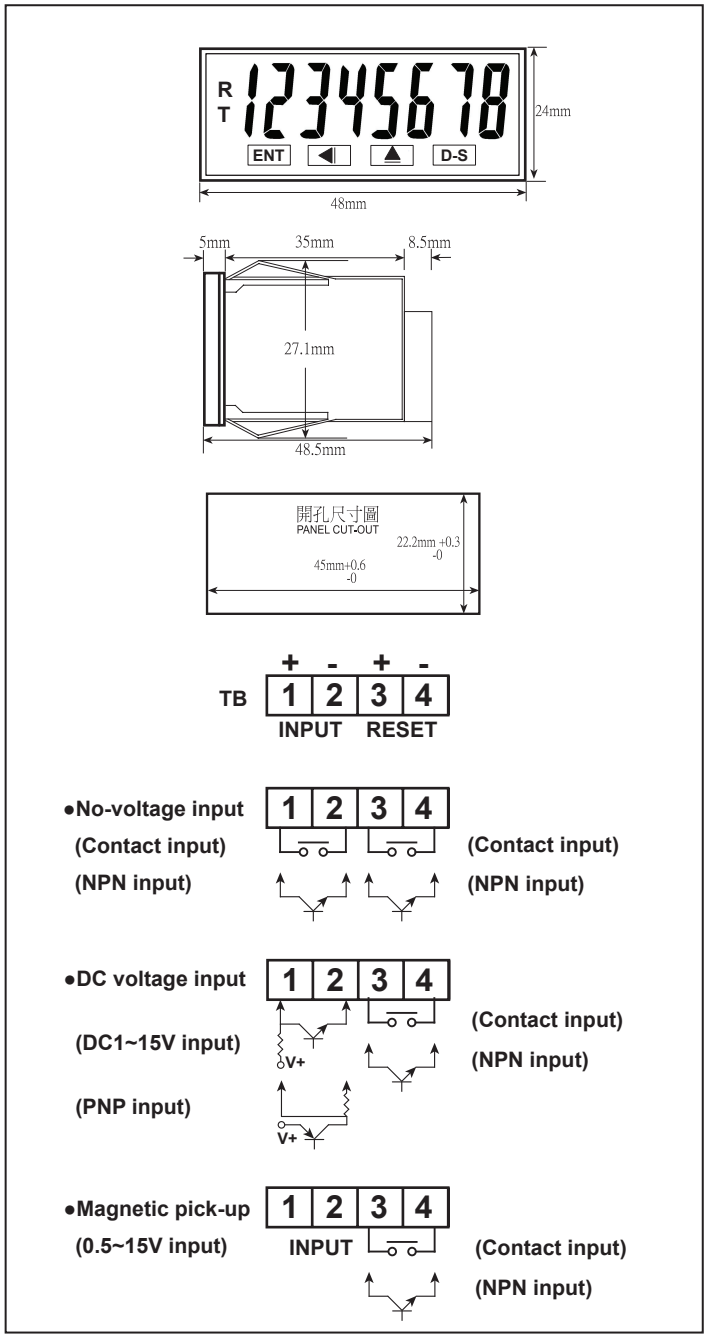
1.MODEL:MFRTS-□ □

(選購型號)

NO	Input Type	NO	Reset Type
1	Non-voltage input(Contact input)	1	Non-voltage input(Contact input)
2	Non-voltage input(NPN input)	2	Non-voltage input(NPN input)
3	NPN/PNP DC voltage input(DC1~15V)		
4	Magnetic Pick-up input(0.5~15V)		

2.SPECIFICATION(主要規格)

•Measuring accuracy (精確度)	:0.05% F.S.(rate)(23±5℃)
•Count input trigger levels (脈波動作電位)	:High level:V_{IH}=1~15V(MFRTS-3X) Low level :V_{IL}=0~0.5V(MFRTS-3X)
•Max.count rates (最高輸入頻率)	:<1KHz(50% duty cycle)(pulse) <50Hz(50% duty cycle)(contact)
•Readout range (顯示值範圍)	:0~99999 digit (Rate) 0~99999999 digit (Totalizer)
•Sampling time (取樣時間)	: 1~99 second
•Totalizer scaler (累積量積算比例)	:0.0001~9999.9999 can be modified
•Reset type (復歸型式)	: external
•Reset input signal width (復歸輸入時間寬度)	:>300 ms
•Display (顯示幕)	:7-segment LCD character high 8.6mm(0.338")
•Parameter setting (參數設定方式)	:Touch switches
•Battery life (電池壽命)	:9 year minimum with continuous(23±5℃)
•Memory mode (記憶型式)	:Non-volatile E^2PROM memory
•Dielectric strength (絕緣耐壓能力)	:2KVac/1 min.(input/case)
•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)
•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)