

# 4~20mA迴路電源式LEDs顯示電錶(無電源式內置RS-485)(24x48mm)

(4~20mA LOOP-POWERED, 5 DIGIT LEDs DISPLAY PROCESS MONITORS with built-in RS-485 24x48mm)

MODEL  
MA24-LD



RoHS

## ■特點(FEATURES)

- 精確度0.05%滿刻度±1位數(Accuracy 0.05% F.S. ±1 digit)
- 顯示範圍-19999至99999可任意規劃(Programmable rate -19999 to 99999 digit)
- 直接量測4~20mA電流,無需另接輔助電源(Self-power, no external supply required)
- 數位RS-485界面(Digit RS-485 interface function)(optional)
- 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: MA24-LD- X=N(none RS-485 output)  
(選購型號) X=Y(RS-485 output)

## 2. SPECIFICATION(主要規格)

- Aux. power supply : None  
(輔助電源)
- Measuring accuracy : 0.05% F.S. ±1 digit  
(精確度)
- Input resistance : approx. 250 ohm  
(輸入阻抗)
- Input voltage drop : max. DC5V with 20mA input  
(輸入電壓降)
- Maximum input : <math>\leq \pm 50\text{mA}</math>  
(最大過載能力)
- Sampling time : 5 cycles/sec.  
(取樣時間)
- Readout range : -19999~99999 digit adjustable  
(顯示值範圍)
- Zero (offset) range : -999~999 digit adjustable  
(歸零調整範圍)
- Span (scale) range : -999~999 digit adjustable  
(最大值調整範圍)
- Over input indication : "doFL" or "-doFL"  
(過載顯示)
- RS-485 address : "00" ~ "FF" (0~255)  
(通訊位址)
- RS-485 baud rate : 38400/19200/9600/4800/2400 selective  
(傳輸速度)
- RS-485 protocol : Modbus RTU mode(32 node on bus)  
(通信協議)
- Display : Red high efficiency LEDs high 10.16mm(0.4")  
(顯示幕)
- Temp. coefficient : 50ppm/°C (0~50°C)  
(溫度係數)
- Parameter setting : Touch switches  
(參數設定方式)
- Memory mode : Non-volatile E<sup>2</sup>PROM memory  
(記憶型式)
- Case material : ABS  
(外殼材料)
- Dielectric strength : 2KVac/1 min.(input/case)  
(絕緣耐壓能力)
- Operating condition : 0~50°C (20 to 90% RH non-condensed)  
(使用環境條件)
- Storage condition : 0~70°C (20 to 90% RH non-condensed)  
(存放環境條件)
- CE EMC Certification : EN 55022:1998/A1:2000 Class A  
(CE 認證) EN 61000-3-2:2000  
EN 61000-3-3:1995/A1:2001  
EN 55024:1998/A1:2001

## 3. OUTSIDE DIMENSION AND CONNECTION DIAGRAM (外型尺寸與開孔尺寸與配線圖)

