

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

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

