
























# Product Overview

## Indicator

| Series                   | M4NN  | M4N  | M4NS   | M4YS   | M4V   | MT4N   |
|--------------------------|---|--|--|--|---|--|
| Appearances & Dimensions | <br>[W48×H24×L56.3mm]  | <br>[W48×H24×L59mm] | <br>[W48×H24×L48mm] | <br>[W72×H36×L77mm] | <br>[W75×H25×L91mm] | <br>[W48×H24×L83mm] |
| Character height         |  11mm  |  10mm               |  10mm               |  14mm               |  14mm               |  9mm                |
| Max. display range       | -1999 to 9999   | 1999   | -1999 to 9999  |  | -999 to 9999  | -1999 to 9999  |
| Measurement input        | DC voltage, DC current, AC voltage, AC current  | DC voltage, DC current   | DC4-20mA   |  | DC voltage, DC current  | DC voltage, DC current, AC voltage, AC current   |
| AC measurement           | AVG value   | —  |  |  |   | AVG value, RMS value   |
| Display unit             | V, V, mV, mV, kV, A, A, mA, mA, μA, W, kW, VA, kVA, var, kvar, mm, cm, m, km, μm, cm <sup>2</sup> , m <sup>2</sup> , mm <sup>2</sup> , cm <sup>3</sup> , m <sup>3</sup> , mg, g, kg, g/cm, kg/m, kg/cm <sup>2</sup> , sec, min, hour, rps, rpm, m/min, cm/min, mm/min, mm/sec, cm/sec, m/sec, Pa, kPa, mPa, kgf/cm <sup>2</sup> , kg-m, kgf/mm <sup>2</sup> , mmHg, mmH <sub>2</sub> O, psi, cal, kcal, ℓ, μℓ, Mℓ, kℓ, Hz, kHz, MHz, %, °C, °F, Ω, kΩ, MΩ, COSØ, TON, DOC |  |  |  |   |  |
| Power supply             | 5-24VDC <sup>---</sup>  | 5VDC <sup>---</sup> , 12-24VDC <sup>---</sup>  | Loop powered type  |  | 12-24VDC <sup>---</sup>   | 12-24VDC <sup>---</sup> , 12-24VAC~, 100-240VAC~   |
| Reference                | L-5 to 13   | L-14 to 17   | L-18 to 21   |  | L-22 to 25  | L-26 to 34   |

※"Display unit" is for MT4Y, MT4W Series only.

## Indicator

| Series                   | MT4Y / MT4W   | M4Y  | M4W   | M5W  | M4M   |
|--------------------------|---|--|---|--|---|
| Appearances & Dimensions | <br>[W72×H36×L77mm]<br><br>[W96×H48×L100mm]   | <br>[W72×H36×L93mm] | <br>[W96×H48×L104mm] | <br>[W96×H48×L104mm] | <br>[W72×H72×L113mm] |
| Character height         |  14.2mm  |  14mm               |  14mm                |  14mm                |  10mm                |
| Max. display range       | -1999 to 9999   | 1999   |   | 19999  | 1999  |
| Measurement input        | DC voltage, DC current, AC voltage, AC current  |  |   |  |   |
| AC measurement           | AVG value, RMS value  |  |   | RMS value  | AVG value, RMS value  |
| Display unit             | V, V, mV, mV, kV, A, A, mA, mA, μA, W, kW, VA, kVA, var, kvar, mm, cm, m, km, μm, cm <sup>2</sup> , m <sup>2</sup> , mm <sup>2</sup> , cm <sup>3</sup> , m <sup>3</sup> , mg, g, kg, g/cm, kg/m, kg/cm <sup>2</sup> , sec, min, hour, rps, rpm, m/min, cm/min, mm/min, mm/sec, cm/sec, m/sec, Pa, kPa, mPa, kgf/cm <sup>2</sup> , kg-m, kgf/mm <sup>2</sup> , mmHg, mmH <sub>2</sub> O, psi, cal, kcal, ℓ, μℓ, Mℓ, kℓ, Hz, kHz, MHz, %, °C, °F, Ω, kΩ, MΩ, COSØ, TON, DOC |  |   |  |   |
| Power supply             | 100-240VAC~, 12-24VDC <sup>---</sup> (MT4W)   | 100-240VAC~, 24-70VDC <sup>---</sup> (option), 5VDC <sup>---</sup> (option)                            | 110/220VAC~, 100-240VAC~ (option), 24-70VDC <sup>---</sup> (option)                                     | 100-240VAC~  | 110/220VAC~   |
| Reference                | L-35 to 45  | L-48 to 59   |   |  |   |

(A) Photoelectric Sensors

(B) Fiber Optic Sensors

(C) Door/Area Sensors

(D) Proximity Sensors

(E) Pressure Sensors

(F) Rotary Encoders

(G) Connectors/ Connector Cables/ Sensor Distribution Boxes/ Sockets

(H) Temperature Controllers

(I) SSRs / Power Controllers

(J) Counters

(K) Timers

(L) Panel Meters

(M) Tacho / Speed / Pulse Meters

(N) Display Units

(O) Sensor Controllers

(P) Switching Mode Power Supplies

(Q) Stepper Motors & Drivers & Controllers









(R) Graphic/ Logic Panels

(S) Field Network Devices

(T) Software









# Product Overview

## Setting type

| Series                   | M4NN  | MT4N   | MT4Y   | MT4W  |
|--------------------------|---|--|--|---|
| Appearances & Dimensions | <br>[W48×H24×L56.3mm]  | <br>[W48×H24×L83mm]   | <br>[W72×H36×L77mm]                               | <br>[W96×H48×L104.4mm] |
| Character height         |  11mm  |  9mm  |  14.2mm   |  14.2mm                |
| Max. display range       | <b>-1999 to 9999</b>  |  |  |   |
| Measurement input        | DC voltage, DC current, AC voltage, AC current  |  |  |   |
| AC measurement           | AVG value   |  | AVG value, RMS value   |   |
| Display unit             | V, $\bar{V}$ , mV, mV, kV, A, $\bar{A}$ , mA, mA, $\mu$ A, W, kW, VA, kVA, var, kvar, mm, cm, m, km, $\mu$ m, cm <sup>2</sup> , m <sup>2</sup> , mm <sup>2</sup> , cm <sup>3</sup> , m <sup>3</sup> , mg, g, kg, g/cm, kg/m, kg/cm <sup>2</sup> , sec, min, hour, rps, rpm, m/min, cm/min, mm/min, mm/sec, cm/sec, m/sec, Pa, kPa, mPa, kgf/cm <sup>2</sup> , kg·m, kgf/mm <sup>2</sup> , mmHg, mmH <sub>2</sub> O, psi, cal, kcal, $\ell$ , $\mu$ $\ell$ , M $\ell$ , k $\ell$ , Hz, kHz, MHz, %, °C, °F, $\Omega$ , k $\Omega$ , M $\Omega$ , COS $\theta$ , TON, DOC |  |  |   |
| Power supply             | 5-24VDC <sup>≒</sup>  | 12-24VDC <sup>≒</sup> , 12-24VAC $\sim$ , 100-240VAC $\sim$  | 100-240VAC $\sim$  | 12-24VDC <sup>≒</sup> , 100-240VAC $\sim$   |
| Main output              | Triple NPN open collector output (OUT1, GO, OUT2)<br>Triple PNP open collector output (OUT1, GO, OUT2)  | Single relay output (OUT1)<br>Dual relay output (OUT1, OUT2)<br>Triple NPN open collector output (OUT1, GO, OUT2)<br>Triple PNP open collector output (OUT1, GO, OUT2) | Triple relay output (HI, GO, LO)<br>Triple NPN open collector output (HI, GO, LO)<br>Triple PNP open collector output (HI, GO, LO) |   |
| Sub output               | —   | RS485 output, PV transmission (DC4-20mA) output  | RS485 output, PV transmission (DC4-20mA) output, BCD output, Low speed serial output   |   |
| Reference                | <b>L-5 to 13</b>  | <b>L-26 to 34</b>  | <b>L-35 to 45</b>  |   |

※"Display unit" is for MT4Y, MT4W Series only.

## Setting type

| Series                   | M4W1P   | M4W2P   | M4M1P   | M4M2P   |
|--------------------------|---|---|---|---|
| Appearances & Dimensions | <br>[W96×H48×L104mm]   | <br>[W96×H48×L104mm] | <br>[W72×H72×L113mm] | <br>[W72×H72×L113mm] |
| Character height         |  10mm  |  10mm                |  10mm                |  10mm                |
| Max. display range       | <b>1999</b>   |   |   |   |
| Measurement input        | DC voltage, DC current, AC voltage, AC current  |   |   |   |
| AC measurement           | AVG value, RMS value  |   |   |   |
| Display unit             | V, $\bar{V}$ , mV, mV, kV, A, $\bar{A}$ , mA, mA, $\mu$ A, W, kW, VA, kVA, var, kvar, mm, cm, m, km, $\mu$ m, cm <sup>2</sup> , m <sup>2</sup> , mm <sup>2</sup> , cm <sup>3</sup> , m <sup>3</sup> , mg, g, kg, g/cm, kg/m, kg/cm <sup>2</sup> , sec, min, hour, rps, rpm, m/min, cm/min, mm/min, mm/sec, cm/sec, m/sec, Pa, kPa, mPa, kgf/cm <sup>2</sup> , kg·m, kgf/mm <sup>2</sup> , mmHg, mmH <sub>2</sub> O, psi, cal, kcal, $\ell$ , $\mu$ $\ell$ , M $\ell$ , k $\ell$ , Hz, kHz, MHz, %, °C, °F, $\Omega$ , k $\Omega$ , M $\Omega$ , COS $\theta$ , TON, DOC |   |   |   |
| Power supply             | 110/220VAC $\sim$ , 100-240VAC $\sim$ (customizable), 24-70VDC <sup>≒</sup> (customizable)  |   |   |   |
| Main output              | Single relay output (HI)  | Dual relay output (HI, LOW)   | Single relay output (HI)  | Dual relay output (HI, LOW)   |
| Sub output               | —   |   |   |   |
| Reference                | <b>L-48 to 58</b>   |   |   |   |