























Product Overview

Indicator

Series	M4NN	M4N	M4NS	M4YS	M4V	MT4N
Appearances & Dimensions	 [W48×H24×L54mm]	 [W48×H24×L59mm]	 [W48×H24×L48mm]	 [W72×H36×L77mm]	 [W75×H25×L91mm]	 [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, 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 ² , m ² , mm ² , cm ³ , m ³ , mg, g, kg, g/cm, kg/m, kg/cm ² , sec, min, hour, rps, rpm, m/min, cm/min, mm/min, mm/sec, cm/sec, m/sec, Pa, kPa, mPa, kgf/cm ² , kg-m, kgf/mm ² , mmHg, mmH ₂ O, psi, cal, kcal, ℓ, μℓ, Mℓ, kℓ, Hz, kHz, MHz, %, °C, °F, Ω, kΩ, MΩ, COSØ, TON, DOC					
Power supply	5-24VDC	5VDC 12-24VDC	Loop powered type		12-24VDC	12-24VDC/AC
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	 [W72×H36×L77mm] [W96×H48×L100mm]	 [W72×H36×L93mm]	 [W96×H48×L104mm]	 [W96×H48×L104mm]	 [W72×H72×L113mm]
Character height	 14mm	 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 ² , m ² , mm ² , cm ³ , m ³ , mg, g, kg, g/cm, kg/m, kg/cm ² , sec, min, hour, rps, rpm, m/min, cm/min, mm/min, mm/sec, cm/sec, m/sec, Pa, kPa, mPa, kgf/cm ² , kg-m, kgf/mm ² , mmHg, mmH ₂ 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 (Option, MT4W)	100-240VAC 24-70VDC (Option) 5VDC (Option)	110/220VAC 100-240VAC (Option) 24-70VDC (Option)	100-240VAC 24-70VDC (Option)	110/220VAC 100-240VAC (Option) 24-70VDC (Option)
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/ 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	 [W48×H24×L54mm]	 [W48×H24×L83mm]	 [W72×H36×L77mm]	 [W96×H48×L100mm]
Character height	 11mm	 9mm	 14mm	
Max. display range	-1999 to 9999			
Measurement input	DC voltage, DC current, AC voltage, AC current			
AC measurement	AVG value, RMS value			
Display unit	V, \sqrt{V} , mV, mV, kV, A, A, mA, mA, μ A, W, kW, VA, kVA, var, kvar, mm, cm, m, km, μ m, cm ² , m ² , mm ² , cm ³ , m ³ , mg, g, kg, g/cm, kg/m, kg/cm ² , sec, min, hour, rps, rpm, m/min, cm/min, mm/min, mm/sec, cm/sec, m/sec, Pa, kPa, mPa, kgf/cm ² , kg-m, kgf/mm ² , mmHg, mmH ₂ O, psi, cal, kcal, ℓ , μ l, ml, kl, Hz, kHz, MHz, %, °C, °F, Ω , k Ω , M Ω , COS \emptyset , TON, DOC			
Power supply	5-24VDC	12-24VDC/AC, 100-240VAC	100-240VAC, 12-24VDC (Option, MT4W)	
Main output	Triple NPN open collector output (OUT1,OUT2,GO) Triple PNP open collector output (OUT1,OUT2,GO)	Single relay output (OUT1) Dual relay output (OUT1,OUT2) Triple NPN open collector output (OUT1,OUT2,GO) Triple PNP open collector output (OUT1,OUT2,GO)	Triple relay output (Hi, GO, Low) Triple NPN open collector output Triple PNP open collector output	
Sub output	—	RS485 output, PV transmission (DC4-20mA) output	RS485 output, PV transmission (DC4-20mA) output, BCD output, Low speed serial output	
Reference	L-5 to 12	L-25 to 33	L-34 to 43	

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

Setting type

Series	M4W1P	M4W2P	M4M1P	M4M2P
Appearances & Dimensions	 [W96×H48×L104mm]	 [W96×H48×L104mm]	 [W72×H72×L113mm]	 [W72×H72×L113mm]
Character height	 10mm			
Max. display range	1999			
Measurement input	DC voltage, DC current, AC voltage, AC current			
AC measurement	AVG value, RMS value			
Display unit	V, \sqrt{V} , mV, mV, kV, A, A, mA, mA, μ A, W, kW, VA, kVA, var, kvar, mm, cm, m, km, μ m, cm ² , m ² , mm ² , cm ³ , m ³ , mg, g, kg, g/cm, kg/m, kg/cm ² , sec, min, hour, rps, rpm, m/min, cm/min, mm/min, mm/sec, cm/sec, m/sec, Pa, kPa, mPa, kgf/cm ² , kg-m, kgf/mm ² , mmHg, mmH ₂ O, psi, cal, kcal, ℓ , μ l, ml, kl, Hz, kHz, MHz, %, °C, °F, Ω , k Ω , M Ω , COS \emptyset , TON, DOC			
Power supply	110/220VAC100-240VAC (customizable)24-70VDC (customizable)			
Main output	Single relay output (HI output)	Dual relay output (HI, LOW output)	Single relay output (HI output)	Dual relay output (HI, LOW output)
Sub output	—	—	—	—
Reference	L-46 to 56			