













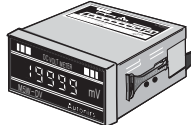
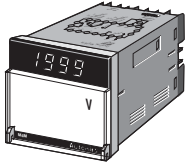





# Product overview

## Indicator






Series	M4NS	M4YS	M4N	M4V	MT4N
Appearances & Dimensions	 [W48×H24×L48mm]	 [W72×H36×L77mm]	 [W48×H24×L59mm]	 [W75×H25×L93mm]	 [W48×H24×L83mm]
Character height	 9.0mm	 14.2mm	 10.0mm	 8.1mm	 9.0mm
Max. display range	<b>-1999~9999</b>		<b>1999</b>	<b>-999~9999</b>	<b>-1999~9999</b>
Measurement input	DC4-20mA		DC Voltage, DC Current		DC Voltage DC Current AC Voltage AC Current
AC measurement	—				AVG value RMS value
Display unit	V, $\bar{V}$ , mV, $m\bar{V}$ , KV, A, $\bar{A}$ , mA, $m\bar{A}$ , $\mu$ 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, $\ell$ , $\mu\ell$ , ml, kl, Hz, kHz, MHz, %, °C, °F, $\Omega$ , k $\Omega$ , M $\Omega$ , COS $\phi$ , TON, DOC				
Power supply	Loop powered type		5VDC 12-24VDC	12-24VDC	12-24VDC/AC
Reference	<b>E-3~6</b>		<b>E-7~10</b>	<b>E-11-14</b>	<b>E-15~22</b>

## Indicator


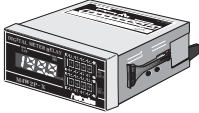
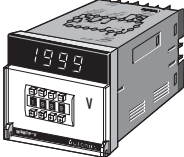
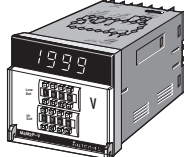


Series	MT4Y/MT4W	M4Y	M4W	M5W	M4M
Appearances & Dimensions	 [W72×H36×L77mm]  [W96×H48×L100mm]	 [W72×H36×L93mm]	 [W96×H48×L104mm]	 [W96×H48×L104mm]	 [W72×H72×L113mm]
Character height	 14.2mm	 14.1mm		 10mm	
Max. display range	<b>-1999~9999</b>	<b>1999</b>		<b>19999</b>	<b>1999</b>
Measurement input	DC Voltage, DC Current, AC Voltage, AC Current				
AC measurement	AVG value, RMS value			RMS value	AVG value RMS value
Display unit	V, $\bar{V}$ , mV, $m\bar{V}$ , KV, A, $\bar{A}$ , mA, $m\bar{A}$ , $\mu$ 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, $\ell$ , $\mu\ell$ , ml, kl, Hz, kHz, MHz, %, °C, °F, $\Omega$ , k $\Omega$ , M $\Omega$ , COS $\phi$ , TON, DOC				
Power supply	100-240VAC	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	<b>E-23~34</b>		<b>E-35~45</b>		

# Product overview

## Setting type/Indicator

Series	MT4N	MT4Y	MT4W
Appearances & Dimensions	 [W48×H24×L83mm]	 [W72×H36×L77mm]	 [W96×H48×L100mm]
Character height	 9.0mm	 14.2mm	
Max. display range	-1999~9999		
Measurement input	DC Voltage, DC Current, AC Voltage, AC Current		
AC measurement	AVG value, RMS value		
Display unit	V, $\bar{V}$ , mV, $m\bar{V}$ , KV, A, $\bar{A}$ , mA, $m\bar{A}$ , $\mu$ 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, l, $\mu$ l, ml, kl, Hz, kHz, MHz, %, °C, °F, $\Omega$ , k $\Omega$ , M $\Omega$ , COS $\phi$ , TON, DOC		
Power supply	12-24VDC/AC	100-240VAC	
Main output	Triple relay output (Hi, GO, Low) Triple NPN open collector output Triple PNP open collector output		
Sub output	RS485 output, PV transmission (4-20mA)DC output	RS485 output, PV transmission (4-20mA)DC output, BCD output, Low speed serial output	
Reference	E-15~22		E-23~34

## Setting/Digital switch type

Series	M4W1P	M4W2P	M4M1P	M4M2P
Appearances & Dimensions	 [W96×H48×L104mm]	 [W96×H48×L104mm]	 [W72×H72×L113mm]	 [W72×H72×L113mm]
Character height	 10.2mm		 10mm	
Max. display range	1999			
Measurement input	DC Voltage, DC Current, AC Voltage, AC Current			
AC measurement	AVG value, RMS value			
Display unit	V, $\bar{V}$ , mV, $m\bar{V}$ , KV, A, $\bar{A}$ , mA, $m\bar{A}$ , $\mu$ 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, l, $\mu$ l, ml, kl, Hz, kHz, MHz, %, °C, °F, $\Omega$ , k $\Omega$ , M $\Omega$ , COS $\phi$ , TON, DOC			
Power supply	110/220VAC 100-240VAC (Option) 24-70VDC (Option)	100-240VAC 24-70VDC (Option)		110/220VAC 100-240VAC (Option) 24-70VDC (Option)
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	E-35~45			

- (A) Counter
- (B) Timer
- (C) Temp. controller
- (D) Power controller
- (E) Panel meter
- (F) Tacho/Speed/Pulse meter
- (G) Display unit
- (H) Sensor controller
- (I) Switching power supply
- (J) Proximity sensor
- (K) Photo electric sensor
- (L) Pressure sensor
- (M) Rotary encoder
- (N) Stepping motor & Driver & Controller
- (O) Graphic panel
- (P) Production stoppage models & replacement