

Panel Meters



Compact Multi Panel Meter / Compact Panel Meter / Loop Powered Scaling Meter / Graphic Panel Meter / Multi Panel Meter /

Series	Display Method	Character Height	Max. Display Range	Measurement	Input Specification	AC Measurement
Compact Multi Panel Meter M4NN Series  W48×H24×L56.3mm	4digit 7-segment LED	11mm	-1999 to 9999	DC voltage	-600-600V, -200-200V, -100-100V, -20-20V, -10-10V, -2-2V, -1-1V, -200-200mV	—
				AC voltage, Frequency	0-600V, 0-250V, 0-110V, 0-50V, 0-20V, 0-10V, 0-2V, 0-1V	Average value (AVG)
				DC current	-5-5A, -2-2A, -1-1A, -200-200mA, -100-100mA, -20-20mA, 4-20mA, -10-10mA, -2-2mA	—
				AC current, Frequency	0-5A, 0-2.5A, 0-1A, 0-500mA, 0-250mA, 0-100mA, 0-50mA	Average value (AVG)
Compact Panel Meter M4N Series  W48×H24×L59mm	3½digit 7-segment LED	10mm	0 to 1999	DC voltage	0-199.9mV	—
					0-1.999V	
					0-19.99V	
					0-199.9V	
					Option	
				DC current	0-199.9μA	—
					0-1.999mA	
					0-19.99mA	
					0-199.9mA	
					Option	
Digital scaling	DC4-20mA (1-5VDC ^{***})	—				
Loop Powered Scaling Meter M4NS  W48×H24×L48mm	4digit 7-segment LED	10mm	-1999 to 9999	Digital scaling	DC4-20mA	—
Loop Powered Scaling Meter M4YS  W72×H36×L77mm	4digit 7-segment LED	14mm	-1999 to 9999	Digital scaling	DC4-20mA	—
Graphic Panel Meter M4V  W75×H25×L93mm	4digit 7-segment LED	14mm	-999 to 9999	DC voltage	0-2V, 1-5V, 0-10V	—
				DC current	0-1mA, 4-20mA	—

Power Factor Display	Power Supply	Output		Approval	Model
		Main Output (Comparative Value)	Sub Output (Display Value)		
●	5-24VDC ⁻⁻⁻	Indicator	---	CE	M4NN-DV-1N
		NPN open collector (OUT1, GO, OUT2)	---		M4NN-DV-11
		PNP open collector (OUT1, GO, OUT2)	---		M4NN-DV-12
---	5-24VDC ⁻⁻⁻	Indicator	---	CE	M4NN-AV-1N
		NPN open collector (OUT1, GO, OUT2)	---		M4NN-AV-11
		PNP open collector (OUT1, GO, OUT2)	---		M4NN-AV-12
●	5-24VDC ⁻⁻⁻	Indicator	---	CE	M4NN-DA-1N
		NPN open collector (OUT1, GO, OUT2)	---		M4NN-DA-11
		PNP open collector (OUT1, GO, OUT2)	---		M4NN-DA-12
---	5-24VDC ⁻⁻⁻	Indicator	---	CE	M4NN-AA-1N
		NPN open collector (OUT1, GO, OUT2)	---		M4NN-AA-11
		PNP open collector (OUT1, GO, OUT2)	---		M4NN-AA-12
---	5VDC ⁻⁻⁻	Indicator	---	---	M4N-DV-01
	12-24VDC ⁻⁻⁻				M4N-DV-11
	5VDC ⁻⁻⁻				M4N-DV-02
	12-24VDC ⁻⁻⁻				M4N-DV-12
	5VDC ⁻⁻⁻				M4N-DV-03
	12-24VDC ⁻⁻⁻				M4N-DV-13
	5VDC ⁻⁻⁻				M4N-DV-04
	12-24VDC ⁻⁻⁻				M4N-DV-14
---	5VDC ⁻⁻⁻	Indicator	---	---	M4N-DV-0X
	12-24VDC ⁻⁻⁻				M4N-DV-1X
	5VDC ⁻⁻⁻				M4N-DA-01
	12-24VDC ⁻⁻⁻				M4N-DA-11
	5VDC ⁻⁻⁻				M4N-DA-02
	12-24VDC ⁻⁻⁻				M4N-DA-12
	5VDC ⁻⁻⁻				M4N-DA-03
	12-24VDC ⁻⁻⁻				M4N-DA-13
---	5VDC ⁻⁻⁻	Indicator	---	---	M4N-DA-04
	12-24VDC ⁻⁻⁻				M4N-DA-14
	5VDC ⁻⁻⁻				M4N-DA-0X
	12-24VDC ⁻⁻⁻				M4N-DA-1X
---	5VDC ⁻⁻⁻	Indicator	---	---	M4N-DI-0X
	12-24VDC ⁻⁻⁻				M4N-DI-1X
---	Loop power	Indicator	---	---	M4NS-NA
---	Loop power	Indicator	---	---	M4YS-NA
---	12-24VDC ⁻⁻⁻	Indicator	---	---	M4V
---	12-24VDC ⁻⁻⁻	Indicator	---	---	

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Series	Display Method	Character Height	Max. Display Range	Measurement	Input Specification	AC Measurement
Multi Panel Meter MT4N Series  W48×H24×L83mm	4digit 7-segment LCD	9mm	-1999 to 9999	DC voltage	0-50V, 0-10V, 0-5V, 0-1V, 0-250mV, 0-50mV	—
				AC voltage, Frequency	0-250V, 0-125V, 0-50V, 0-25V, 0-5V, 0-2.5V	Average value (AVG), Root mean square value (RMS)
				DC current	0-500mA, 0-200mA, 0-50mA, 4-20mA, 0-5mA, 0-2mA	—
				AC current, Frequency	0-5A, 0-2.5A, 0-500mA, 0-250mA, 0-100mA, 0-50mA	Average value (AVG), Root mean square value (RMS)
Multi Panel Meter MT4Y Series  W72×H36×L77mm	4digit 7-segment LED	14.2mm	-1999 to 9999	DC voltage	0-500V, 0-100V, 0-50V, 0-10V, 0-5V, 0-1V, 0-250mV, 0-50mV	—
				AC voltage, Frequency	0-500V, 0-250V, 0-110V, 0-50V, 0-20V, 0-10V, 0-2V, 0-1V	Average value (AVG), Root mean square value (RMS)
				DC current	0-5A, 0-2A, 0-500mA, 0-200mA, 0-50mA, 4-20mA, 0-5mA, 0-2mA	—
				AC current, Frequency	0-5A, 0-2.5A, 0-1A, 0-500mA, 0-250mA, 0-100mA, 0-50mA	Average value (AVG), Root mean square value (RMS)

※1. Sold separately: Hirose connector socket (HIF3BA-14D-2.54R)

Power Factor Display	Power Supply	Output		Approval	Model
		Main Output (Comparative Value)	Sub Output (Display Value)		
—	■: Type E: 12-24VDC~, 12-24VAC~ 4: 100-240VAC~	Indicator	—	CE (12-24VDC~, 12-24VAC~)	MT4N-DV-■N
		Relay (OUT1, OUT2)	—		MT4N-DV-■0
		NPN open collector (OUT1, GO, OUT2)	—		MT4N-DV-■1
		PNP open collector (OUT1, GO, OUT2)	—		MT4N-DV-■2
		Relay (OUT1)	PV transmission (DC4-20mA)		MT4N-DV-■3
		Relay (OUT1)	RS485 communication		MT4N-DV-■4
		Relay (OUT1, OUT2)	PV transmission (DC4-20mA)		MT4N-DV-■5
—	■: Type E: 12-24VDC~, 12-24VAC~ 4: 100-240VAC~	Indicator	—	CE (12-24VDC~, 12-24VAC~)	MT4N-AV-■N
		Relay (OUT1, OUT2)	—		MT4N-AV-■0
		NPN open collector (OUT1, GO, OUT2)	—		MT4N-AV-■1
		PNP open collector (OUT1, GO, OUT2)	—		MT4N-AV-■2
		Relay (OUT1)	PV transmission (DC4-20mA)		MT4N-AV-■3
		Relay (OUT1)	RS485 communication		MT4N-AV-■4
		Relay (OUT1, OUT2)	PV transmission (DC4-20mA)		MT4N-AV-■5
—	■: Type E: 12-24VDC~, 12-24VAC~ 4: 100-240VAC~	Indicator	—	CE (12-24VDC~, 12-24VAC~)	MT4N-DA-■N
		Relay (OUT1, OUT2)	—		MT4N-DA-■0
		NPN open collector (OUT1, GO, OUT2)	—		MT4N-DA-■1
		PNP open collector (OUT1, GO, OUT2)	—		MT4N-DA-■2
		Relay (OUT1)	PV transmission (DC4-20mA)		MT4N-DA-■3
		Relay (OUT1)	RS485 communication		MT4N-DA-■4
		Relay (OUT1, OUT2)	PV transmission (DC4-20mA)		MT4N-DA-■5
—	■: Type E: 12-24VDC~, 12-24VAC~ 4: 100-240VAC~	Indicator	—	CE (12-24VDC~, 12-24VAC~)	MT4N-AA-■N
		Relay (OUT1, OUT2)	—		MT4N-AA-■0
		NPN open collector (OUT1, GO, OUT2)	—		MT4N-AA-■1
		PNP open collector (OUT1, GO, OUT2)	—		MT4N-AA-■2
		Relay (OUT1)	PV transmission (DC4-20mA)		MT4N-AA-■3
		Relay (OUT1)	RS485 communication		MT4N-AA-■4
		Relay (OUT1, OUT2)	PV transmission (DC4-20mA)		MT4N-AA-■5
—	100-240VAC~	Indicator	—	CE c RU US	MT4Y-DV-4N
		Relay (HI, GO, LO)	—		MT4Y-DV-40
		NPN open collector (HI, GO, LO)	—		MT4Y-DV-41
		PNP open collector (HI, GO, LO)	—		MT4Y-DV-42
		Relay (LO)	PV transmission (DC4-20mA)		MT4Y-DV-43
		Relay (LO)	RS485 communication		MT4Y-DV-44
		—	BCD dynamic		MT4Y-DV-45 ^{×1}
		—	Low speed serial		MT4Y-DV-46
—	100-240VAC~	Indicator	—	CE c RU US	MT4Y-AV-4N
		Relay (HI, GO, LO)	—		MT4Y-AV-40
		NPN open collector (HI, GO, LO)	—		MT4Y-AV-41
		PNP open collector (HI, GO, LO)	—		MT4Y-AV-42
		Relay (LO)	PV transmission (DC4-20mA)		MT4Y-AV-43
		Relay (LO)	RS485 communication		MT4Y-AV-44
		—	BCD dynamic		MT4Y-AV-45 ^{×1}
		—	Low speed serial		MT4Y-AV-46
—	100-240VAC~	Indicator	—	CE c RU US	MT4Y-DA-4N
		Relay (HI, GO, LO)	—		MT4Y-DA-40
		NPN open collector (HI, GO, LO)	—		MT4Y-DA-41
		PNP open collector (HI, GO, LO)	—		MT4Y-DA-42
		Relay (LO)	PV transmission (DC4-20mA)		MT4Y-DA-43
		Relay (LO)	RS485 communication		MT4Y-DA-44
		—	BCD dynamic		MT4Y-DA-45 ^{×1}
		—	Low speed serial		MT4Y-DA-46
—	100-240VAC~	Indicator	—	CE c RU US	MT4Y-AA-4N
		Relay (HI, GO, LO)	—		MT4Y-AA-40
		NPN open collector (HI, GO, LO)	—		MT4Y-AA-41
		PNP open collector (HI, GO, LO)	—		MT4Y-AA-42
		Relay (LO)	PV transmission (DC4-20mA)		MT4Y-AA-43
		Relay (LO)	RS485 communication		MT4Y-AA-44
		—	BCD dynamic		MT4Y-AA-45 ^{×1}
		—	Low speed serial		MT4Y-AA-46

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Series	Display Method	Character Height	Max. Display Range	Measurement	Input Specification	AC Measurement
Multi Panel Meter MT4W Series ^{※1}	4digit 7-segment LED	14.2mm	-1999 to 9999	DC voltage	0-500V, 0-100V, 0-50V, 0-10V, 0-5V, 0-1V, 0-250mV, 0-50mV	—
				AC voltage, Frequency	0-500V, 0-250V, 0-110V, 0-50V, 0-20V, 0-10V, 0-2V, 0-1V	Average value (AVG), Root mean square value (RMS)
				DC current	0-5A, 0-2A, 0-500mA, 0-200mA, 0-50mA, 4-20mA, 0-5mA, 0-2mA	—
				AC current, Frequency	0-5A, 0-2.5A, 0-1A, 0-500mA, 0-250mA, 0-100mA, 0-50mA	Average value (AVG), Root mean square value (RMS)



W96×H48×L100mm

※1. Rear size of MT4W Series is based on indicator model. In case of output model, rear size may be longer due to output Hirose connector.
 ※2. Sold separately: Hirose connector socket (HIF3BA-20D-2.54R)

Power Factor Display	Power Supply	Output		Approval	Model	
		Main Output (Comparative Value)	Sub Output (Display Value)			
—	12-24VDC ⁼⁼	Indicator	—	CE	MT4W-DV-1N	
		Relay (HI, GO, LO)	PV transmission (DC4-20mA)		MT4W-DV-10	
		Relay (HI, GO, LO)	—		MT4W-DV-11	
	100-240VAC [~]	100-240VAC [~]	Indicator	—	CE cRU ^{us}	MT4W-DV-4N
			Relay (HI, GO, LO)	PV transmission (DC4-20mA)		MT4W-DV-40
			Relay (HI, GO, LO)	—		MT4W-DV-41
			NPN open collector (HI, GO, LO)	BCD dynamic		MT4W-DV-42 ^{*2}
			PNP open collector (HI, GO, LO)	BCD dynamic		MT4W-DV-43 ^{*2}
			NPN open collector (HI, GO, LO)	PV transmission (DC4-20mA)		MT4W-DV-44 ^{*2}
			PNP open collector (HI, GO, LO)	PV transmission (DC4-20mA)		MT4W-DV-45 ^{*2}
			NPN open collector (HI, GO, LO)	Low speed serial		MT4W-DV-46 ^{*2}
			PNP open collector (HI, GO, LO)	Low speed serial		MT4W-DV-47 ^{*2}
			NPN open collector (HI, GO, LO)	RS485 communication		MT4W-DV-48 ^{*2}
			PNP open collector (HI, GO, LO)	RS485 communication		MT4W-DV-49 ^{*2}
			—	12-24VDC ⁼⁼		Indicator
Relay (HI, GO, LO)	PV transmission (DC4-20mA)	MT4W-AV-10				
Relay (HI, GO, LO)	—	MT4W-AV-11				
100-240VAC [~]	100-240VAC [~]	Indicator		—	CE cRU ^{us}	MT4W-AV-4N
		Relay (HI, GO, LO)		PV transmission (DC4-20mA)		MT4W-AV-40
		Relay (HI, GO, LO)		—		MT4W-AV-41
		NPN open collector (HI, GO, LO)		BCD dynamic		MT4W-AV-42 ^{*2}
		PNP open collector (HI, GO, LO)		BCD dynamic		MT4W-AV-43 ^{*2}
		NPN open collector (HI, GO, LO)		PV transmission (DC4-20mA)		MT4W-AV-44 ^{*2}
		PNP open collector (HI, GO, LO)		PV transmission (DC4-20mA)		MT4W-AV-45 ^{*2}
		NPN open collector (HI, GO, LO)		Low speed serial		MT4W-AV-46 ^{*2}
		PNP open collector (HI, GO, LO)		Low speed serial		MT4W-AV-47 ^{*2}
		NPN open collector (HI, GO, LO)		RS485 communication		MT4W-AV-48 ^{*2}
		PNP open collector (HI, GO, LO)		RS485 communication		MT4W-AV-49 ^{*2}
		—		12-24VDC ⁼⁼		Indicator
Relay (HI, GO, LO)	PV transmission (DC4-20mA)		MT4W-DA-10			
Relay (HI, GO, LO)	—		MT4W-DA-11			
NPN open collector (HI, GO, LO)	RS485 communication		MT4W-DA-18 ^{*2}			
100-240VAC [~]	100-240VAC [~]		Indicator	—	CE cRU ^{us}	MT4W-DA-4N
			Relay (HI, GO, LO)	PV transmission (DC4-20mA)		MT4W-DA-40
			Relay (HI, GO, LO)	—		MT4W-DA-41
			NPN open collector (HI, GO, LO)	BCD dynamic		MT4W-DA-42 ^{*2}
			PNP open collector (HI, GO, LO)	BCD dynamic		MT4W-DA-43 ^{*2}
			NPN open collector (HI, GO, LO)	PV transmission (DC4-20mA)		MT4W-DA-44 ^{*2}
			PNP open collector (HI, GO, LO)	PV transmission (DC4-20mA)		MT4W-DA-45 ^{*2}
			NPN open collector (HI, GO, LO)	Low speed serial		MT4W-DA-46 ^{*2}
			PNP open collector (HI, GO, LO)	Low speed serial		MT4W-DA-47 ^{*2}
			NPN open collector (HI, GO, LO)	RS485 communication		MT4W-DA-48 ^{*2}
			PNP open collector (HI, GO, LO)	RS485 communication		MT4W-DA-49 ^{*2}
—	12-24VDC ⁼⁼	Indicator	—	CE	MT4W-AA-1N	
		Relay (HI, GO, LO)	PV transmission (DC4-20mA)		MT4W-AA-10	
		Relay (HI, GO, LO)	—		MT4W-AA-11	
	100-240VAC [~]	100-240VAC [~]	Indicator	—	CE cRU ^{us}	MT4W-AA-4N
			Relay (HI, GO, LO)	PV transmission (DC4-20mA)		MT4W-AA-40
			Relay (HI, GO, LO)	—		MT4W-AA-41
			NPN open collector (HI, GO, LO)	BCD dynamic		MT4W-AA-42 ^{*2}
			PNP open collector (HI, GO, LO)	BCD dynamic		MT4W-AA-43 ^{*2}
			NPN open collector (HI, GO, LO)	PV transmission (DC4-20mA)		MT4W-AA-44 ^{*2}
			PNP open collector (HI, GO, LO)	PV transmission (DC4-20mA)		MT4W-AA-45 ^{*2}
			NPN open collector (HI, GO, LO)	Low speed serial		MT4W-AA-46 ^{*2}
			PNP open collector (HI, GO, LO)	Low speed serial		MT4W-AA-47 ^{*2}
			NPN open collector (HI, GO, LO)	RS485 communication		MT4W-AA-48 ^{*2}
			PNP open collector (HI, GO, LO)	RS485 communication		MT4W-AA-49 ^{*2}

CONTROLLER

Temperature Controllers

SSRs / Power Controllers

Counters

Timers

Panel Meters

Tacho / Speed / Pulse Meters

Display Units

Sensor Controllers

Switching Mode Power Supplies

Graphic / Logic Panels

Field Network Devices

Panel Meters

Compact Multi Panel Meter / Compact Panel Meter / Loop Powered Scaling Meter / Graphic Panel Meter / Multi Panel Meter /

Series	Display Method	Character Height	Measurement	Input Specification	Max. Display Range
Digital Panel Meter M4Y Series		14mm	DC voltage	199.9mV	0 to 199.9
				1.999V	0 to 1.999
				19.99V	0 to 19.99
				199.9V	0 to 199.9
				300V	0 to 300
				Option	0 to 1999
			AC voltage	199.9mV	0 to 199.9
				1.999V	0 to 1.999
				19.99V	0 to 19.99
				199.9V	0 to 199.9
				400V	0 to 400
				Option	0 to 1999
			DC current	199.9μA	0 to 199.9
				1.999mA	0 to 1.999
				19.99mA	0 to 19.99
				199.9mA	0 to 199.9
				1.999A	0 to 1.999
				20A/50mV (shunt)	0 to 19.99
				200A/50mV (shunt)	0 to 199.9
				2000A/50mV (shunt)	0 to 1999
			Option	0 to 1999	
			AC current	19.99mA	0 to 19.99
				199.9mA	0 to 199.9
				1.999A	0 to 1.999
				20A/5A (CT)	0 to 19.99
				200A/5A (CT)	0 to 199.9
				2000A/5A (CT)	0 to 1999
				Option	0 to 1999
			AC electric power	199.9W ^{※1}	0 to 199.9
				1.999kW ^{※1}	0 to 1.999
				19.99kW ^{※1}	0 to 19.99
				199.9kW ^{※1}	0 to 199.9
Option	0 to 1999				
Rotation	0-10VDC	0 to 1999			
	0-10VAC	0 to 1999			
	DC INPUT option	0 to 1999			
	AC INPUT option	0 to 1999			
Speed	0-10VDC	0 to 1999			
	0-10VAC	0 to 1999			
	DC INPUT option	0 to 1999			
Digital scaling	DC4-20mA (1-5VDC ^{※2})	0 to 1999			



W72×H36×L93mm

3½digit
7-segment LED

※1. Max. display value when output specification 0-10VDC of power transducer as display specification.

AC Measurement	Power Supply (Option)	Output	Approval	Model
—	100-240VAC~ (24-70VDC [≡])	Indicator	—	M4Y-DV-1
				M4Y-DV-2
				M4Y-DV-3
				M4Y-DV-4
				M4Y-DV-5
				M4Y-DV-XX
Average value (AVG)	100-240VAC~	Indicator	—	M4Y-AV-1
Average value (AVG)	100-240VAC~			M4Y-AV-2
Average value (AVG)	100-240VAC~	Indicator	—	M4Y-AV-3
Root mean square value (RMS)	100-240VAC~ (5VDC [≡])			M4Y-AVR-3
Average value (AVG)	100-240VAC~	Indicator	—	M4Y-AV-4
Root mean square value (RMS)	100-240VAC~ (5VDC [≡])			M4Y-AVR-4
Average value (AVG)	100-240VAC~	Indicator	—	M4Y-AV-6
Root mean square value (RMS)	100-240VAC~ (5VDC [≡])			M4Y-AVR-6
Average value (AVG)	100-240VAC~	Indicator	—	M4Y-AV-XX
Root mean square value (RMS)	100-240VAC~ (5VDC [≡])			M4Y-AVR-XX
—	100-240VAC~	Indicator	—	M4Y-DA-1
				M4Y-DA-2
				M4Y-DA-3
				M4Y-DA-4
				M4Y-DA-5
				M4Y-DA-6
				M4Y-DA-7
				M4Y-DA-8
				M4Y-DA-XX
				Average value (AVG)
Root mean square value (RMS)	M4Y-AAR-1			
Average value (AVG)	100-240VAC~	Indicator	—	M4Y-AA-2
Root mean square value (RMS)				M4Y-AAR-2
Average value (AVG)	100-240VAC~	Indicator	—	M4Y-AA-3
Root mean square value (RMS)				M4Y-AAR-3
Average value (AVG)	100-240VAC~	Indicator	—	M4Y-AA-4
Root mean square value (RMS)				M4Y-AA4-4
Average value (AVG)	100-240VAC~	Indicator	—	M4Y-AA-5
Root mean square value (RMS)				M4Y-AAR-5
Average value (AVG)	100-240VAC~	Indicator	—	M4Y-AA-6
Root mean square value (RMS)				M4Y-AAR-6
Average value (AVG)	100-240VAC~	Indicator	—	M4Y-AA-XX
Root mean square value (RMS)				M4Y-AAR-XX
—	100-240VAC~	Indicator	—	M4Y-W-1
				M4Y-W-2
				M4Y-W-3
				M4Y-W-4
				M4Y-W-XX
—	100-240VA	Indicator	—	M4Y-T-1
Average value (AVG)				M4Y-T-2
—				M4Y-T-DX
Average value (AVG)	100-240VAC~	Indicator	—	M4Y-T-AX
—				M4Y-S-1
Average value (AVG)				M4Y-S-2
Root mean square value (RMS)	100-240VAC~	Indicator	—	M4Y-SR-2
—				M4Y-S-DX
—	100-240VAC~ (24-70VDC [≡])	Indicator	—	M4Y-DI-XX

Panel Meters

Compact Multi Panel Meter / Compact Panel Meter / Loop Powered Scaling Meter / Graphic Panel Meter / Multi Panel Meter /

Series	Display Method	Character Height	Measurement	Input Specification	Max. Display Range
Digital Panel Meter M5W Series	4½digit 7-segment LED	14mm	DC voltage	199.99mV	0 to 199.99
				1.9999V	0 to 1.9999
				19.999V	0 to 19.999
				199.99V	0 to 199.99
				300V	0 to 300
				Option	0 to 19999
			AC voltage	199.99mV	0 to 199.99
				1.9999V	0 to 1.9999
				19.999V	0 to 19.999
				199.99V	0 to 199.99
				400V	0 to 400
				Option	0 to 19999
			DC current	199.99μA	0 to 199.99
				1.9999mA	0 to 1.9999
				19.999mA	0 to 19.999
				199.99mA	0 to 199.99
				1.9999A	0 to 1.9999
				20A/50mV (shunt)	0 to 19.999
				200A/50mV (shunt)	0 to 199.99
				2000A/50mV (shunt)	0 to 1999.9
			AC current	Option	0 to 19999
				19.999mA	0 to 19.999
				199.99mA	0 to 199.99
				1.9999A	0 to 1.9999
				20A/5A (CT)	0 to 19.999
				200A/5A (CT)	0 to 199.99
				2000A/5A (CT)	0 to 1999.9
			AC electric power	Option	0 to 19999
				199.99W ^{※1}	0 to 199.99
				1.9999kW ^{※1}	0 to 1.9999
				19.999kW ^{※1}	0 to 19.999
				199.99kW ^{※1}	0 to 199.99
				1999.9kW ^{※1}	0 to 1999.9
Rotation	Option	0 to 19999			
	0-10VDC	0 to 1999.9			
	0-10VAC	0 to 1999.9			
Speed	AC INPUT option	0 to 19999			
	0-10VDC	0 to 1999.9			
	0-10VAC	0 to 1999.9			
Digital scaling	AC INPUT option	0 to 19999			
	DC4-20mA (1-5VDC [⇒])	0 to 19999			



W96×H48×L104mm

※1. Max. display value when output specification 0-10VDC of power transducer as display specification.

AC Measurement	Power Supply	Output	Approval	Model
—	100-240VAC~	Indicator	—	M5W-DV-1
				M5W-DV-2
				M5W-DV-3
				M5W-DV-4
				M5W-DV-5
				M5W-DV-XX
Root mean square value (RMS)	100-240VAC~	Indicator	—	M5W-AV-1
				M5W-AV-2
				M5W-AV-3
				M5W-AV-4
				M5W-AV-5
				M5W-AV-XX
—	100-240VAC~	Indicator	—	M5W-DA-1
				M5W-DA-2
				M5W-DA-3
				M5W-DA-4
				M5W-DA-5
				M5W-DA-6
				M5W-DA-7
				M5W-DA-8
				M5W-DA-XX
Root mean square value (RMS)	100-240VAC~	Indicator	—	M5W-AA-1
				M5W-AA-2
				M5W-AA-3
				M5W-AA-4
				M5W-AA-5
				M5W-AA-6
				M5W-AA-XX
—	100-240VAC~	Indicator	—	M5W-W-1
				M5W-W-2
				M5W-W-3
				M5W-W-4
				M5W-W-5
				M5W-W-XX
Root mean square value (RMS)	100-240VAC~	Indicator	—	M5W-S-1
				M5W-S-2
				M5W-S-AX
Root mean square value (RMS)	100-240VAC~	Indicator	—	M5W-T-1
				M5W-T-2
				M5W-T-AX
—	100-240VAC~	Indicator	—	M5W-DI-XX

Panel Meters

Compact Multi Panel Meter / Compact Panel Meter / Loop Powered Scaling Meter / Graphic Panel Meter / Multi Panel Meter /

Series	Display Method	Character Height	Measurement	Input Specification	Max. Display Range
Digital Panel Meter M4W Series		14mm	DC voltage	199.9mV	0 to 199.9
				1.999V	0 to 1.999
				19.99V	0 to 19.99
				199.9V	0 to 199.9
				300V	0 to 300
			Option	0 to 1999	
			AC voltage	199.9mV	0 to 199.9
				1.999V	0 to 1.999
				19.99V	0 to 19.99
				199.9V	0 to 199.9
				400V	0 to 400
			Option	0 to 1999	
			DC current	199.9μA	0 to 199.9
				1.999mA	0 to 1.999
				19.99mA	0 to 19.99
				199.9mA	0 to 199.9
				1.999A	0 to 1.999
				20A/50mV (shunt)	0 to 19.99
				200A/50mV (shunt)	0 to 199.9
				2000A/50mV (shunt)	0 to 1999
			Option	0 to 1999	
			AC current	19.99mA	0 to 19.99
				199.9mA	0 to 199.9
				1.999A	0 to 1.999
				20A/5A (CT)	0 to 19.99
				200A/5A (CT)	0 to 199.9
				2000A/5A (CT)	0 to 1999
				Option	0 to 1999
			AC electric power	199.9W ^{※1}	0 to 199.9
				1.999kW ^{※1}	0 to 1.999
				19.99kW ^{※1}	0 to 19.99
				199.9kW ^{※1}	0 to 199.9
1999kW ^{※1}	0 to 1999				
Option	0 to 1999				
Rotation	0-10VDC	0 to 1999			
	0-10VAC	0 to 1999			
	DC INPUT option	0 to 1999			
Speed	0-10VDC	0 to 1999			
	0-10VAC	0 to 1999			
	DC INPUT option	0 to 1999			
	AC INPUT option	0 to 1999			
Digital scaling	DC4-20mA (1-5VDC ^{※2})	0 to 1999			
Power factor	DC4-20mA (power factor transducer option)	-0.50 to 1.00 to +0.50			



W96×H48×L104mm


3½digit
7-segment LED

※1. Max. display value when output specification 0-10VDC of power transducer as display specification.

AC Measurement	Power Supply (Option)	Output	Approval	Model
—	110/220VAC~ (100-240VAC~)	Indicator	—	M4W-DV-1
				M4W-DV-2
				M4W-DV-3
				M4W-DV-4
				M4W-DV-5
				M4W-DV-XX
Average value (AVG)	110/220VAC~	Indicator	—	M4W-AV-1
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)			M4W-AVR-1
Average value (AVG)	110/220VAC~	Indicator	—	M4W-AV-2
Average value (AVG)	110/220VAC~			M4W-AV-3
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)	Indicator	—	M4W-AVR-3
Average value (AVG)	110/220VAC~			M4W-AV-4
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)	Indicator	—	M4W-AVR-4
Average value (AVG)	110/220VAC~			M4W-AV-6
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)	Indicator	—	M4W-AVR-6
Average value (AVG)	110/220VAC~			M4W-AV-XX
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)	Indicator	—	M4W-AVR-XX
—	110/220VAC~			Indicator
		M4W-DA-2		
		M4W-DA-3		
		M4W-DA-4		
		M4W-DA-5		
		M4W-DA-6		
		M4W-DA-7		
		M4W-DA-8		
		M4W-DA-XX		
		Average value (AVG)	110/220VAC~	
Average value (AVG)	110/220VAC~	M4W-AA-2		
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)	Indicator	—	M4W-AAR-2
Average value (AVG)	110/220VAC~			M4W-AA-3
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)	Indicator	—	M4W-AAR-3
Average value (AVG)	110/220VAC~			M4W-AA-4
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)	Indicator	—	M4W-AAR-4
Average value (AVG)	110/220VAC~			M4W-AA-5
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)	Indicator	—	M4W-AAR-5
Average value (AVG)	110/220VAC~			M4W-AA-6
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)	Indicator	—	M4W-AAR-6
Average value (AVG)	110/220VAC~			M4W-AA-XX
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)	Indicator	—	M4W-AAR-XX
—	110/220VAC~			Indicator
		M4W-W-2		
		M4W-W-3		
		M4W-W-4		
		M4W-W-5		
		M4W-W-XX		
—	110/220VAC~ (24-70VDC [□] , 100-240VAC~)	Indicator	—	M4W-T-1
Average value (AVG)	110/220VAC~			M4W-T-2
—	110/220VAC~ (24-70VDC [□] , 100-240VAC~)			M4W-T-DX
—	110/220VAC~ (100-240VAC~)	Indicator	—	M4W-S-1
Average value (AVG)	110/220VAC~			M4W-S-2
—	110/220VAC~ (24-70VDC [□] , 100-240VAC~)			M4W-S-DX
Average value (AVG)	110/220VAC~			M4W-S-AX
—	110/220VAC~ (100-240VAC~)	Indicator	—	M4W-DI-XX
—	110/220VAC~	Indicator	—	M4W-P

Panel Meters

Compact Multi Panel Meter / Compact Panel Meter / Loop Powered Scaling Meter / Graphic Panel Meter / Multi Panel Meter /


Series	Display Method	Character Height	Measurement	Input Specification	Max. Display Range
Digital Panel Meter M4W1P Series  W96×H48×L104mm	3½digit 7-segment LED	10mm	DC voltage	199.9mV	0 to 199.9
				1.999V	0 to 1.999
				19.99V	0 to 19.99
				199.9V	0 to 199.9
				300V	0 to 300
				Option	0 to 1999
			AC voltage	199.9mV	0 to 199.9
				1.999V	0 to 1.999
				19.99V	0 to 19.99
				199.9V	0 to 199.9
				400V	0 to 400
				Option	0 to 1999
			DC current	199.9μA	0 to 199.9
				1.999mA	0 to 1.999
				19.99mA	0 to 19.99
				199.9mA	0 to 199.9
				1.999A	0 to 1.999
				20A/50mV (shunt)	0 to 19.99
				200A/50mV (shunt)	0 to 199.9
				2000A/50mV (shunt)	0 to 1999
			Option	0 to 1999	
			AC current	19.99mA	0 to 19.99
				199.9mA	0 to 199.9
				1.999A	0 to 1.999
				20A/5A (CT)	0 to 19.99
				200A/5A (CT)	0 to 199.9
				2000A/5A (CT)	0 to 1999
				Option	0 to 1999
			AC electric power	199.9W ^{※1}	0 to 199.9
				19.99kW ^{※1}	0 to 19.99
199.9kW ^{※1}	0 to 199.9				
1999kW ^{※1}	0 to 1999				
Rotation	0-10VDC	0 to 1999			
	0-10VAC	0 to 1999			
	DC INPUT option	0 to 1999			
	AC INPUT option	0 to 1999			
Speed	0-10VDC	0 to 1999			
	DC INPUT option	0 to 1999			
Digital scaling	DC4-20mA (1-5VDC ^{※2})	0 to 1999			

※1. Max. display value when output specification 0-10VDC of power transducer as display specification.

AC Measurement	Power Supply (Option)	Output	Approval	Model
—	110/220VAC~ (24-70VDC [≒] , 100-240VAC~)	Relay (HI)	—	M4W1P-DV-1
				M4W1P-DV-2
				M4W1P-DV-3
				M4W1P-DV-4
				M4W1P-DV-5
				M4W1P-DV-XX
Average value (AVG)	110/220VAC~	Relay (HI)	—	M4W1P-AV-1
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)			M4W1P-AVR-1
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)	Relay (HI)	—	M4W1P-AVR-2
Average value (AVG)	110/220VAC~	Relay (HI)	—	M4W1P-AV-3
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)			M4W1P-AVR-3
Average value (AVG)	110/220VAC~	Relay (HI)	—	M4W1P-AV-4
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)			M4W1P-AVR-4
Average value (AVG)	110/220VAC~	Relay (HI)	—	M4W1P-AV-6
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)			M4W1P-AVR-6
Average value (AVG)	110/220VAC~	Relay (HI)	—	M4W1P-AV-XX
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)			M4W1P-AVR-XX
—	110/220VAC~	Relay (HI)	—	M4W1P-DA-1
				M4W1P-DA-2
				M4W1P-DA-3
				M4W1P-DA-4
				M4W1P-DA-5
				M4W1P-DA-6
				M4W1P-DA-7
				M4W1P-DA-8
				M4W1P-DA-XX
Average value (AVG)	110/220VAC~	Relay (HI)	—	M4W1P-AA-1
Root mean square value (RMS)				M4W1P-AAR-1
Average value (AVG)	110/220VAC~	Relay (HI)	—	M4W1P-AA-2
Root mean square value (RMS)				M4W1P-AAR-2
Average value (AVG)	110/220VAC~	Relay (HI)	—	M4W1P-AA-3
Root mean square value (RMS)				M4W1P-AAR-3
Average value (AVG)	110/220VAC~	Relay (HI)	—	M4W1P-AA-4
Root mean square value (RMS)				M4W1P-AAR-4
Average value (AVG)	110/220VAC~	Relay (HI)	—	M4W1P-AA-5
Root mean square value (RMS)				M4W1P-AAR-5
Average value (AVG)	110/220VAC~	Relay (HI)	—	M4W1P-AA-6
Root mean square value (RMS)				M4W1P-AAR-6
Average value (AVG)	110/220VAC~	Relay (HI)	—	M4W1P-AA-XX
Root mean square value (RMS)				M4W1P-AAR-XX
—	110/220VAC~	Relay (HI)	—	M4W1P-W-1
				M4W1P-W-3
				M4W1P-W-4
				M4W1P-W-5
—	110/220VAC~	Relay (HI)	—	M4W1P-T-1
				Average value (AVG)
Root mean square value (RMS)	(100-240VAC~)			M4W1P-TR-2
—	(100-240VAC~)			M4W1P-T-DX
				Root mean square value (RMS)
—	110/220VAC~ (100-240VAC~)			Relay (HI)
	(100-240VAC~)	M4W1P-S-DX		
—	110/220VAC~	Relay (HI)	—	M4W1P-DI-XX

Panel Meters

Compact Multi Panel Meter / Compact Panel Meter / Loop Powered Scaling Meter / Graphic Panel Meter / Multi Panel Meter /




Series	Display Method	Character Height	Measurement	Input Specification	Max. Display Range
Digital Panel Meter M4W2P Series  <p>W96×H48×L104mm</p>	3½digit 7-segment LED	10mm	DC voltage	199.9mV	0 to 199.9
				1.999V	0 to 1.999
				19.99V	0 to 19.99
				199.9V	0 to 199.9
				300V	0 to 300
				Option	0 to 1999
			AC voltage	199.9mV	0 to 199.9
				1.999V	0 to 1.999
				19.99V	0 to 19.99
				199.9V	0 to 199.9
				400V	0 to 400
				Option	0 to 1999
			DC current	199.9μA	0 to 199.9
				1.999mA	0 to 1.999
				19.99mA	0 to 19.99
				199.9mA	0 to 199.9
				1.999A	0 to 1.999
				20A/50mV (shunt)	0 to 19.99
				200A/50mV (shunt)	0 to 199.9
				2000A/50mV (shunt)	0 to 1999
			Option	0 to 1999	
			AC current	19.99mA	0 to 19.99
				199.9mA	0 to 199.9
				1.999A	0 to 1.999
				20A/5A (CT)	0 to 19.99
				200A/5A (CT)	0 to 199.9
				2000A/5A (CT)	0 to 1999
			Option	0 to 1999	
			AC electric power	199.9W ^{※1}	0 to 199.9
				1.999kW ^{※1}	0 to 1.999
				199.9kW ^{※1}	0 to 199.9
				Option	0 to 1999
			Rotation	0-10VDC	0 to 1999
0-10VAC	0 to 1999				
DC INPUT option	0 to 1999				
AC INPUT option	0 to 1999				
Speed	0-10VDC	0 to 1999			
	0-10VAC	0 to 1999			
	DC INPUT option	0 to 1999			
Digital scaling	DC4-20mA (1-5VDC ^{※2})	0 to 1999			

※1. Max. display value when output specification 0-10VDC of power transducer as display specification.

AC Measurement	Power Supply (Option)	Output	Approval	Model	
—	110/220VAC~ (24-70VDC=, 100-240VAC~)	Relay (HI, LOW)	—	M4W2P-DV-1	
				M4W2P-DV-2	
				M4W2P-DV-3	
				M4W2P-DV-4	
				M4W2P-DV-5	
				M4W2P-DV-XX	
Average value (AVG)	110/220VAC~	Relay (HI, LOW)	—	M4W2P-AV-1	
Root mean square value (RMS)				M4W2P-AVR-1	
Average value (AVG)	110/220VAC~	Relay (HI, LOW)	—	M4W2P-AV-2	
Root mean square value (RMS)				M4W2P-AVR-2	
Average value (AVG)	110/220VAC~	Relay (HI, LOW)	—	M4W2P-AV-3	
Root mean square value (RMS)				M4W2P-AVR-3	
Average value (AVG)	110/220VAC~	Relay (HI, LOW)	—	M4W2P-AV-4	
Root mean square value (RMS)				M4W2P-AVR-4	
Average value (AVG)	110/220VAC~	Relay (HI, LOW)	—	M4W2P-AV-6	
Root mean square value (RMS)				M4W2P-AVR-6	
Average value (AVG)	110/220VAC~	Relay (HI, LOW)	—	M4W2P-AV-XX	
Root mean square value (RMS)				M4W2P-AVR-XX	
—	110/220VAC~ (100-240VAC~)	Relay (HI, LOW)	—	M4W2P-DA-1	
				M4W2P-DA-2	
				M4W2P-DA-3	
				M4W2P-DA-4	
				M4W2P-DA-5	
				M4W2P-DA-6	
				M4W2P-DA-7	
				M4W2P-DA-8	
				M4W2P-DA-XX	
				Average value (AVG)	110/220VAC~
Average value (AVG)	M4W2P-AA-2				
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)	Relay (HI, LOW)	—	M4W2P-AAR-2	
Average value (AVG)				M4W2P-AA-3	
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)	Relay (HI, LOW)	—	M4W2P-AAR-3	
Average value (AVG)				M4W2P-AA-4	
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)	Relay (HI, LOW)	—	M4W2P-AAR-4	
Average value (AVG)				M4W2P-AA-5	
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)	Relay (HI, LOW)	—	M4W2P-AAR-5	
Average value (AVG)				M4W2P-AA-6	
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)	Relay (HI, LOW)	—	M4W2P-AAR-6	
Average value (AVG)				M4W2P-AA-XX	
Root mean square value (RMS)	110/220VAC~ (100-240VAC~)	Relay (HI, LOW)	—	M4W2P-AAR-XX	
—				110/220VAC~	Relay (HI, LOW)
—	M4W2P-W-2				
—	M4W2P-W-4				
—	M4W2P-W-XX				
—	110/220VAC~	Relay (HI, LOW)	—	M4W2P-T-1	
Average value (AVG)				M4W2P-T-2	
—				(100-240VAC~)	M4W2P-T-DX
Average value (AVG)				110/220VAC~	M4W2P-T-AX
—	110/220VAC~ (100-240VAC~)	Relay (HI, LOW)	—	M4W2P-S-1	
Root mean square value (RMS)				M4W2P-SR-2	
—				(100-240VAC~)	M4W2P-S-DX
—	110/220VAC~	Relay (HI, LOW)	—	M4W2P-DI-XX	

Panel Meters

Compact Multi Panel Meter / Compact Panel Meter / Loop Powered Scaling Meter / Graphic Panel Meter / Multi Panel Meter /

Series	Display Method	Character Height	Measurement	Input Specification	Max. Display Range
Digital Panel Meter M4M Series  W72×H72×L113mm	3½digit 7-segment LED	10mm	DC voltage	19.99V	0 to 19.99
				Option	0 to 1999
			AC voltage	400V	0 to 400
			AC current	200A/5A (CT)	0 to 199.9
Option	0 to 1999				
Digital Panel Meter M4M1P Series  W72×H72×L113mm	3½digit 7-segment LED	10mm	DC voltage	199.9mV	0 to 199.9
				199.9V	0 to 199.9
				Option	0 to 1999
			AC voltage	Option	0 to 1999
			AC current	200A/5A (CT)	0 to 199.9
				Option	0 to 1999
Digital scaling	DC4-20mA (1-5VDC \leftrightarrow)	0 to 1999			
Digital Panel Meter M4M2P Series  W72×H72×L113mm	3½digit 7-segment LED	10mm	DC voltage	19.99V	0 to 19.99
				300V	0 to 300
				Option	0 to 1999
			AC voltage	19.99V	0 to 19.99
				400V	0 to 400
				Option	0 to 1999
			DC current	1.999A	0 to 1.999
			AC current	20A/5A (CT)	0 to 19.99
				200A/5A (CT)	0 to 199.9
				Option	0 to 1999
Digital scaling	DC4-20mA (1-5VDC \leftrightarrow)	0 to 1999			

AC Measurement	Power Supply (Option)	Output	Approval	Model
—	110/220VAC~	Indicator	—	M4M-DV-3
				M4M-DV-XX
Average value (AVG)	110/220VAC~	Indicator	—	M4M-AV-6
Root mean square value (RMS)				M4M-AVR-6
Average value (AVG)	110/220VAC~	Indicator	—	M4M-AA-5
Average value (AVG)				M4M-AA-XX
—	110/220VAC~	Relay (HI)	—	M4M1P-DV-1
				M4M1P-DV-4
				M4M1P-DV-XX
Average value (AVG)	110/220VAC~	Relay (HI)	—	M4M1P-AV-XX
Average value (AVG)	110/220VAC~	Relay (HI)	—	M4M1P-AA-5
Average value (AVG)				M4M1P-AA-XX
Root mean square value (RMS)				M4M1P-AAR-XX
—	110/220VAC~	Relay (HI)	—	M4M1P-DI-XX
—	110/220VAC~	Relay (HI, LOW)	—	M4M2P-DV-3
				M4M2P-DV-5
				M4M2P-DV-XX
Root mean square value (RMS)	110/220VAC~	Relay (HI, LOW)	—	M4M2P-AVR-3
Root mean square value (RMS)				M4M2P-AVR-6
Average value (AVG)				M4M2P-AV-XX
—	110/220VAC~	Relay (HI, LOW)	—	M4M2P-DA-5
Average value (AVG)	110/220VAC~ (24-70VDC [□] , 100-240VAC~)	Relay (HI, LOW)	—	M4M2P-AA-4
Average value (AVG)				M4M2P-AA-5
Root mean square value (RMS)				M4M2P-AAR-5
Average value (AVG)				M4M2P-AA-XX
—	110/220VAC~	Relay (HI, LOW)	—	M4M2P-DI-XX