






Tacho / Speed / Pulse Meters

Compact LCD Display Pulse Meter / Pulse Meter /

Series	Display Method	Character Height	Display Range	Measurement	Measurement Range	Input Method
Compact LCD Display Pulse Meter LR5N-B  W48×H24×L54mm	4½-digit 7-segment LCD	8.7mm	0 to 10000	Frequency, Revolutions	1 to 10000RPM, 0.1 to 1000.0RPM, 1 to 1000RPS, 1 to 1000Hz, 0.1 to 100.0Hz	Voltage input (PNP), No-voltage input (NPN)
Pulse Meter MP5S Series  W48×H48×L90mm	5-digit 7-segment LED	8mm	-19999 to 99999	16 operation modes: Frequency, Revolutions, Speed, Cycle, Time, Ratio, Density, Error, Length measurement, Interval, Accumulation, Addition/Subtraction, etc.	0.0005Hz to 50kHz, 0.01 to max. of each time range, 0 to 99999, -19999 to 99999	Voltage input (PNP), No-voltage input (NPN)
Pulse Meter MP5Y Series ※1  W72×H36×L100mm	5-digit 7-segment LED	14mm	-19999 to 99999	16 operation modes: Frequency, Revolutions, Speed, Cycle, Time, Ratio, Density, Error, Length measurement, Interval, Accumulation, Addition/Subtraction, etc.	0.0005Hz to 50kHz, 0.01 to max. of each time range, 0 to 99999, -19999 to 99999	Voltage input (PNP), No-voltage input (NPN)
Pulse Meter MP5W Series ※1  W96×H48×L100mm	5-digit 7-segment LED	14mm	-19999 to 99999	16 operation modes: Frequency, Revolutions, Speed, Cycle, Time, Ratio, Density, Error, Length measurement, Interval, Accumulation, Addition/Subtraction, etc.	0.0005Hz to 50kHz, 0.01 to max. of each time range, 0 to 99999, -19999 to 99999	Voltage input (PNP), No-voltage input (NPN)
Thumbwheel Switch Setting Type Pulse Meter MP5M Series  W72×H72×L75mm	5-digit 7-segment LED	8mm	-19999 to 99999	14 operation modes: Frequency, Revolutions, Speed, Cycle, Time, Ratio, Density, Length measurement, Interval, Accumulation, Addition/Subtraction, etc.	0.0005Hz to 50kHz, 0.01 to max. of each time range, 0 to 99999, -19999 to 99999	Voltage input (PNP), No-voltage input (NPN)

※1. Rear size of MP5Y/MP5W is based on indicator model. In case of output model, rear size may be longer due to output Hirose connector or output terminal block.

※2. Sold separately: Hirose connector socket (HIF3BA-10D-2.54R)

※3. Sold separately: Hirose connector socket (HIF3BA-20D-2.54R)

Power Supply	External Power Supply	Output		Approval	Model
		Main Output (Comparative Value)	Sub Output (Display Value)		
Built-in battery (over 3 years)	—	Indicator	—	—	LR5N-B
24VAC, 24-48VDC	Max. 12VDC 80mA	Indicator	—	CE c RU us	MP5S-2N
100-240VAC	Max. 12VDC 80mA	Indicator	—	CE c RU us	MP5S-4N
24VAC, 24-48VDC	Max. 12VDC 80mA	Indicator	—	CE c RU us	MP5Y-2N
		NPN open collector (HH, H, GO, L, LL)	—		MP5Y-21 ^{*2}
		PNP open collector (HH, H, GO, L, LL)	—		MP5Y-22 ^{*2}
		—	BCD dynamic		MP5Y-23 ^{*2}
		—	PV transmission (DC0-20mA, DC4-20mA)		MP5Y-24 ^{*2}
		—	RS485 communication		MP5Y-25 ^{*2}
		Relay (H, GO, L)	—		MP5Y-26
100-240VAC	Max. 12VDC 80mA	Indicator	—	CE c RU us	MP5Y-4N
		NPN open collector (HH, H, GO, L, LL)	—		MP5Y-41 ^{*2}
		PNP open collector (HH, H, GO, L, LL)	—		MP5Y-42 ^{*2}
		—	BCD dynamic		MP5Y-43 ^{*2}
		—	PV transmission (DC0-20mA, DC4-20mA)		MP5Y-44 ^{*2}
		—	RS485 communication		MP5Y-45 ^{*2}
		Relay (H, GO, L)	—		MP5Y-46
24VAC, 24-48VDC	Max. 12VDC 80mA	Indicator	—	CE c RU us	MP5W-2N
		Relay (HH, H, GO, L, LL)	—		MP5W-2A
		Relay (H, GO, L)	—		MP5W-21
		NPN open collector (HH, H, GO, L, LL)	BCD dynamic		MP5W-22 ^{*3}
		NPN open collector (HH, H, GO, L, LL)	PV transmission (DC0-20mA, DC4-20mA)		MP5W-24 ^{*3}
		PNP open collector (HH, H, GO, L, LL)	PV transmission (DC0-20mA, DC4-20mA)		MP5W-25 ^{*3}
		NPN open collector (HH, H, GO, L, LL)	RS485 communication		MP5W-28 ^{*3}
		PNP open collector (HH, H, GO, L, LL)	RS485 communication		MP5W-29 ^{*3}
100-240VAC	Max. 12VDC 80mA	Indicator	—	CE c RU us	MP5W-4N
		Relay (HH, H, GO, L, LL)	—		MP5W-4A
		Relay (H, GO, L)	—		MP5W-41
		NPN open collector (HH, H, GO, L, LL)	BCD dynamic		MP5W-42 ^{*3}
		NPN open collector (HH, H, GO, L, LL)	PV transmission (DC0-20mA, DC4-20mA)		MP5W-44 ^{*3}
		PNP open collector (HH, H, GO, L, LL)	PV transmission (DC0-20mA, DC4-20mA)		MP5W-45 ^{*3}
		NPN open collector (HH, H, GO, L, LL)	RS485 communication		MP5W-48 ^{*3}
		PNP open collector (HH, H, GO, L, LL)	RS485 communication		MP5W-49 ^{*3}
24VAC, 24-48VDC	Max. 12VDC 80mA	Indicator	—	CE c RU us	MP5M-2N
		Relay (H)+NPN open collector	—		MP5M-21
		Relay (H, L)+NPN open collector	—		MP5M-22
100-240VAC	Max. 12VDC 80mA	Indicator	—	CE c RU us	MP5M-4N
		Relay (H)+NPN open collector	—		MP5M-41
		Relay (H, L)+NPN open collector	—		MP5M-42