

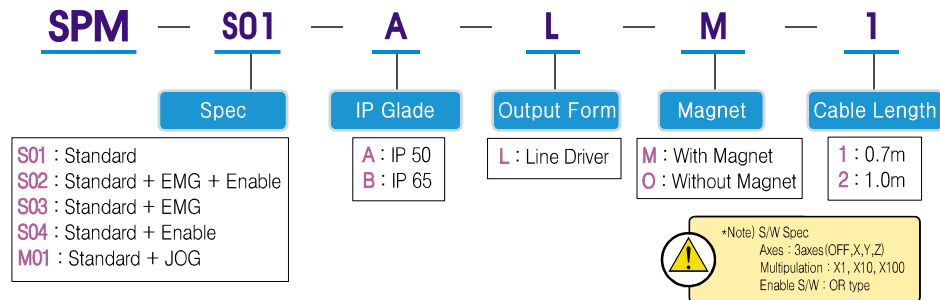
PORTABLE MANUAL
PULSE GENERATOR

SPM Series

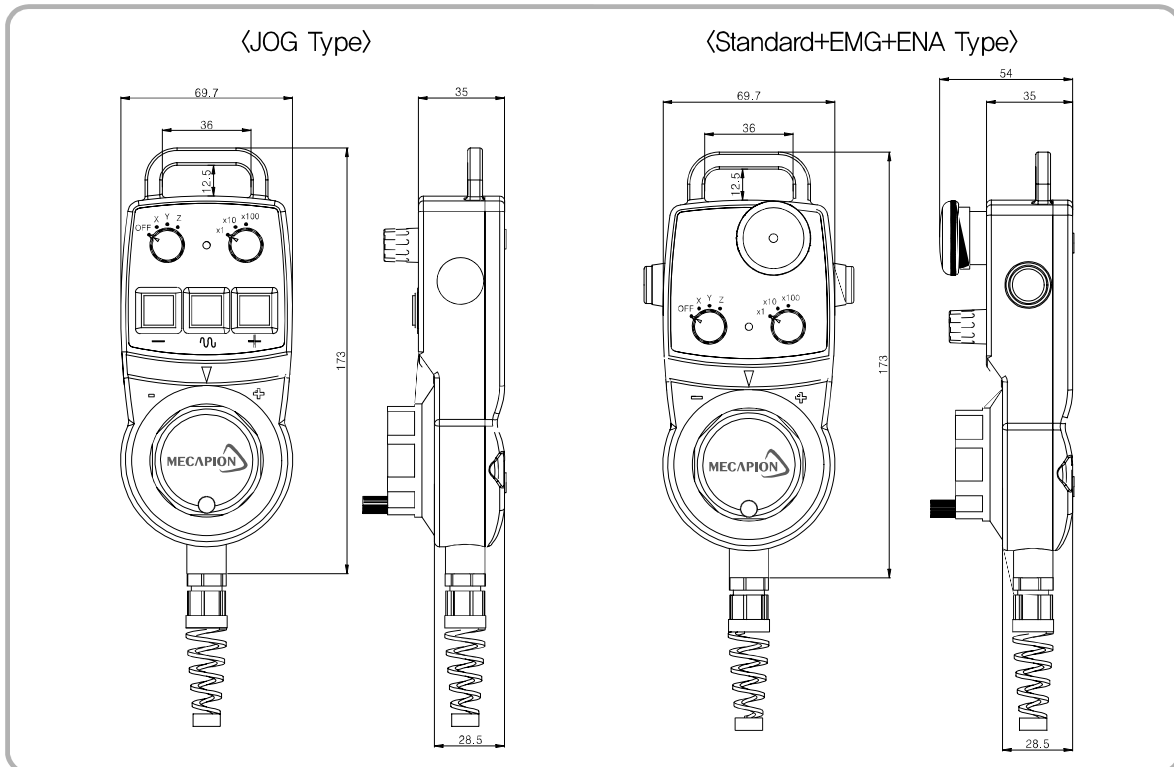
- Features : NC tooling machine, Industrial application
High reliability, Customized logo can be available
Half permanent durability



Model



External Dimension



Electrical Spec.

Output type	Line Driver		
Power Supply	DC +5[V]		
Consuming Current (In case of no load)	50mA Max		
Maximum Response Frequency	5 KHz MAX		
Output voltage	Less than V_L 0.5[V]/ Over than V_L 2.5[V]	Multiplication	X1, X10, X100 (Rotary Switch)
Output current	Less than 20mA	S/W	Emergency S/W
Rising, decline time	Less than 0.1 μ s		Enable S/W
Axis	X, Y, Z		JOG S/W

Mechanical Spec.

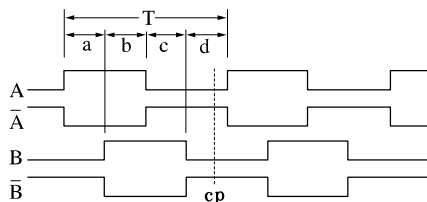
Starting Torque	50g – cm Max
Maximum number of revolution	600 rpm
Bearing lifetime	50,000[hr]
Terminal Block	5268-6(Molex)
Magnet	With / Without

Rigid Spec.

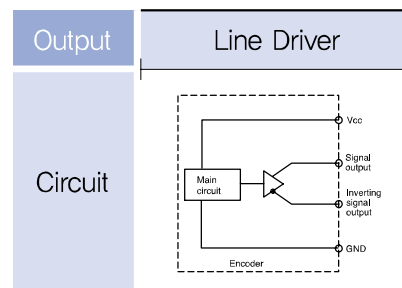
Operating Temp. Range	-10°C ~ +70°C
Preserving temp	-20°C ~ +85°C
Using humidity	35% ~ 80% RH
Preserving Humidity	30% ~ 85% RH
Internal Vibration	5G
Internal Shock	10G
Degree of Protection	IP 50

Output Phase Shift

Line Driver



Output Circuit



Connection Table

Wiring Diagram

NO.	Signal	Color
1	H+5V	Red
2	H0V	Black
3	HA	White
4	HB	Brown
5	/HA	Yellow
6	/HB	Gray
7	COM	Pink
8	AX1	Blue
9	AX2	Violet
10	AX4	Green
11	MP1	Red/Blue
12	MP2	White/Green
13	L+	Gray/Pink
14	L-	White/Gray
15	F1	White/Yellow
16	F2	Yellow/Brown
17	F3	Gray/Brown
18	Shield	Case Shield

⟨JOG Type⟩

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11	MP1	Red/Blue
12	MP2	White/Green
13	L+	Gray/Pink
14	L-	White/Gray
15	RES1	White/Yellow
16	RES2	Yellow/Brown
17	EN1	Gray/Brown
18	EN2	Brown/Green
	Shield	Case Shield

⟨Standard+EMG+ENA Type⟩