

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



Model

KSPM - []

- Spec**
- S01 : Standard
- S02 : Standard + EMG + Enable
- S03 : Standard + EMG
- S04 : Standard + Enable

- IP Grade**
- A : IP 50
- B : IP 65

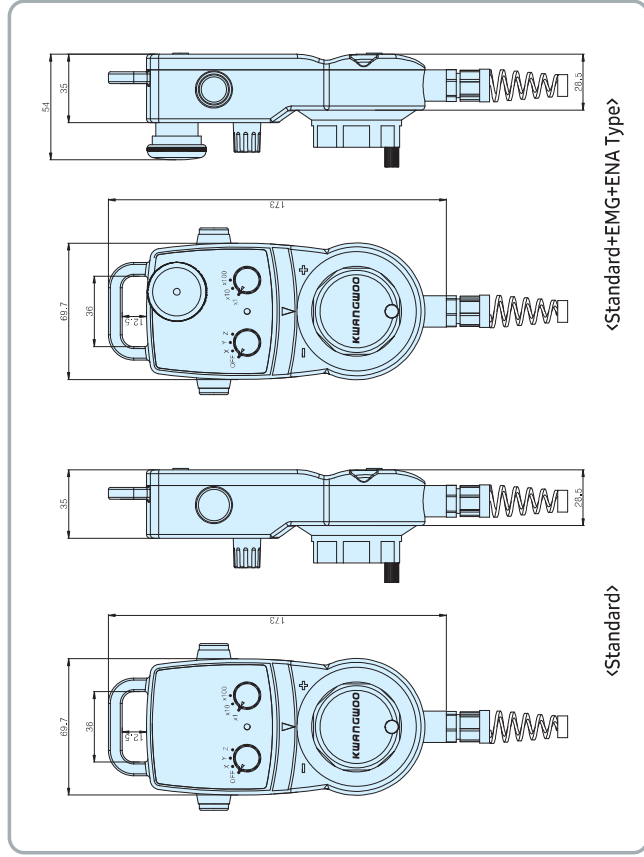
- Output Form**
- L : Line Drive

- Magnet**
- M : With Magnet
- O : Without Magnet

- Cable Length**
- 0.7 : 0.7[M]
- 1 : 1[M]
- 1.4 : 1.4[M]

Note SW Spec
 ⚠ Axes : 5axes(OFF X, Y, Z)&4th, 5th
 Multiplication: x1, x10, x100
 Enable S/W:OR type

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 _{0.5V} / More than W _{2.5V}
Output current	Less than 20mA
Rising, decline time	Less than 0.1μs
Axis	X, Y, Z
Multiplication	X1, X10, X100 (Rotary Switch)
S/W Function	Emergency S/W Enable S/W

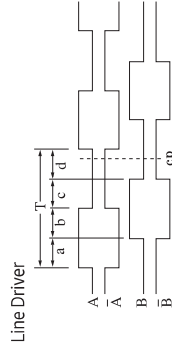
Mechanical Spec.

Starting Torque	300gf·cm Max
Maximum number of revolution	600 rpm
Bearing lifetime	50,000(hr)
Terminal Block	5268-(Molex)
Magnet	With / Without
재질	ABS

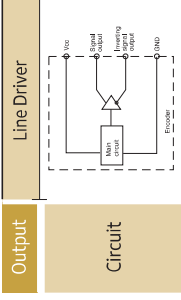
Rigid Spec.

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	IP50

Output Phase Shift



Output Circuit



Connection Table

No	Cable's Color	Signal	Relative	No	Cable's Color	Signal	Relative
1	Brown	Vcc		11	White	MP2	Rotary Switch (X1, X10, X100)
2	Blue	0V		12	Black	MP4	Enable, Axis
3	Green	A	MPG	13	Purple	COM	EMG S/W
4	Beige	/A		14	Light Red	RS1	
5	Orange	B		15	Light Brown	RS2	
6	Colorless/Black	/B		16	Pink	AX1	Axis (X, Y, Z)
7	Light Green/lighting	L+	LED Display	17	Blue	AX2	
8	Light Blue	L-		18	Light Green	AX4	
9	Light Yellow	COM	EMG S/W	19	Light Purple	EN1	Enable SW
10	Gray	MP1	Rotary Switch(X1, X10, X100)	20	Colorless	EN2	Enable SW

<Standard+EMG+ENA Type>