

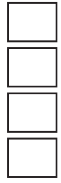
MANUAL PULSE GENERATOR **KSM60 Series**

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

Model

MANUAL PULSE GENERATOR
Outer Diameter Ø60

KSM60 - N -



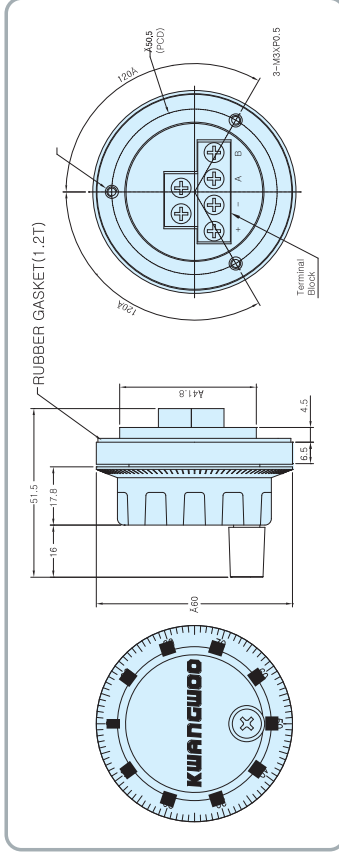
Resolution(P/R)
0100

Output Signal
B : A, B
U : A, A', B, B'

Output Form
O : Open Collector
V : Voltage Output
L : Line Driver

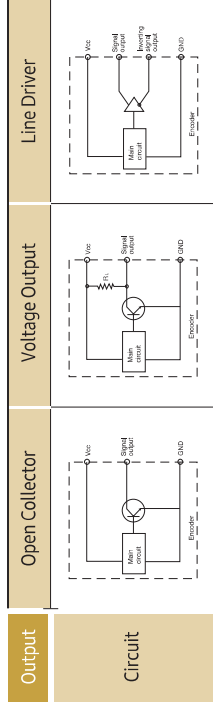


External Dimension



Note! The spec of power may be different depending on the type of output and be sure to check the electric spec.

Output Circuit



ROTARY ENCODER

Electrical Spec.

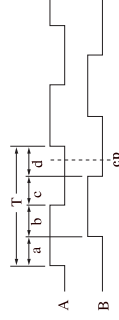
Output type	Open Collector	Voltage Output	Line Driver
Power Supply	DC +5[V] ~ +15[V] Ripple-p: less than 5%	DC +5[V] ~ +15[V] Ripple-p: less than 5%	DC +5[V] Ripple-p: less than 5%
Consuming Current (in case of no load)	70mA Max	70mA Max	150mA Max
Maximum Response Frequency	5KHz MAX	5KHz MAX	5KHz MAX
Output voltage	Less than V _{0.5[V]} / More than V _{1.0[V]}	Less than V _{0.5[V]} / More than V _{1.25[V]}	Less than V _{0.5[V]} / More than V _{1.25[V]}
Output current	Less than 20mA	Less than 20mA	Less than 20mA
Rising, decline time	Less than 3µs	Less than 3µs	Less than 0.1µs
Common conditions	In case that the cable length of output side is 1[M] and load resistance is less than 1[KΩ]		

Mechanical Spec.

Starting Torque	300gf · cm Max
Maximum number of revolution	600 rpm
Bearing lifetime	50,000hr (In case of rotating by 3000rpm)
Connection Table	4P / 6P
weight	170g

Output Phase Shift

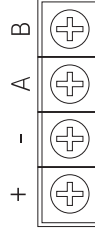
CW → Clockwise viewed from shaft end
 $a + b, c + d = T/2 \pm T/8$
 $a, b, c, d = T/4 \pm T/8$



Connection Table

Cable Configuration

Open Collector, Voltage Output



Line Driver

