



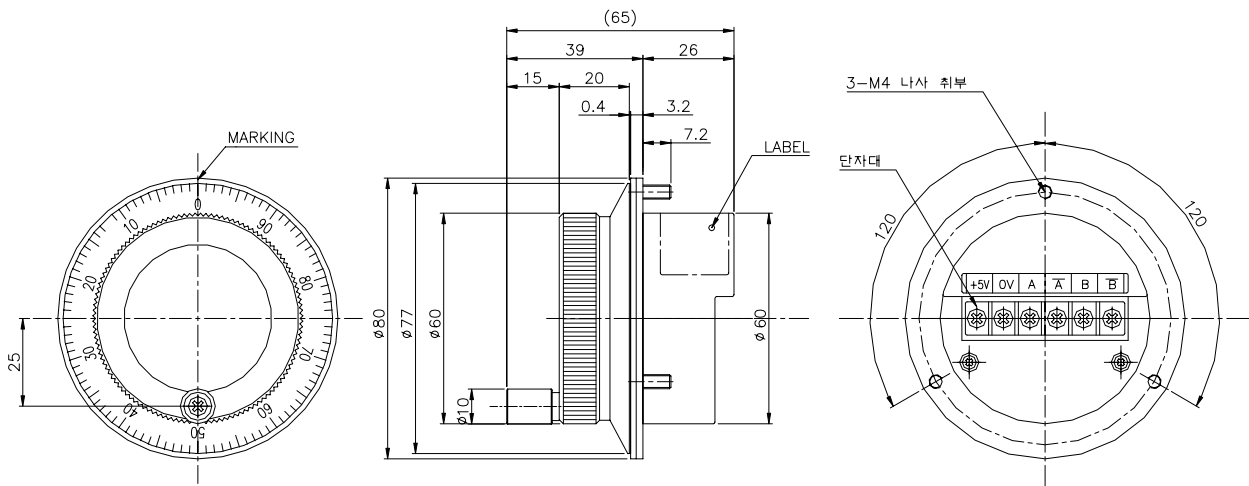
Feature

- Long life
- High reliability
- Customized logo can be attached

Application

- NC machine
- Industrial use

Dimension



Electrical specifications

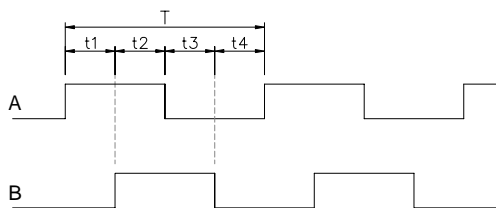
| | | |
|-------------------------|------------|-----------------------|
| Resolution | | 100 P/R |
| Supply voltage | Line drive | DC +5V |
| | OC/Voltage | DC +24V |
| Current consumption | Line drive | Max. 150mA |
| | OC/Voltage | Max. 60mA |
| Output voltage | High | Min. 2.5V |
| | Low | Max. 0.5V |
| Max. response frequency | | Max. 5KHz |
| Output | | Line drive/OC/Voltage |
| Rising / Falling time | | less 0.3μs |

Mechanical specifications

| | | |
|-----------------------------|--|----------|
| Max. rotating speed | 600 rpm | |
| Starting torque | 0.2~0.6gf.cm | |
| Allowable shaft load | Radial | Max. 1Kg |
| | Axial | Max. 2Kg |
| Vibration resistance | 10~55Hz / 1.5mm | |
| Shock resistance | 50G, 11msec | |
| Operation temperature range | Line drive : 0~+60 OC/Voltage : -10~+60 | |
| Storage temperature range | -30~+80 | |
| Weight | less 200g | |

Open collector / Voltage : 2-type
Line drive : 2D-type

Output Signal



Duty ratio

- $t1+t2, t3+t4 = T/2 \pm T/8$
- $t1, t2, t3, t4 = T/4 \pm T/8$
- A, B outputs are LOW at stop position

Signal in CW on the view from the mounting