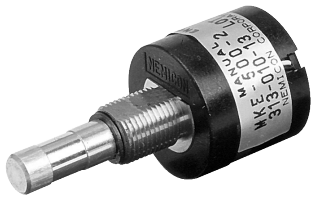


MANUAL TYPE

MKE Model



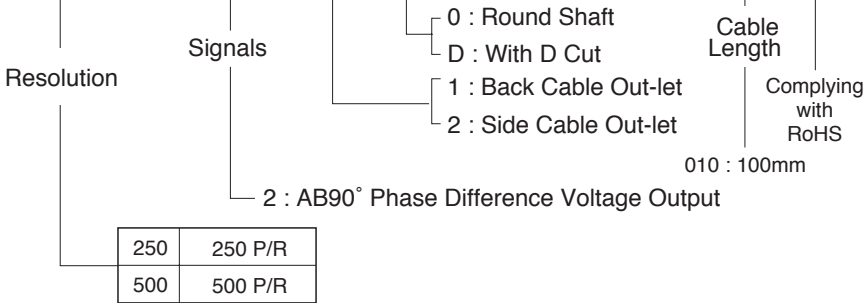
Manual Model

- High Resolution Up to 500P/R.
- Ideal for Measuring Equipment.

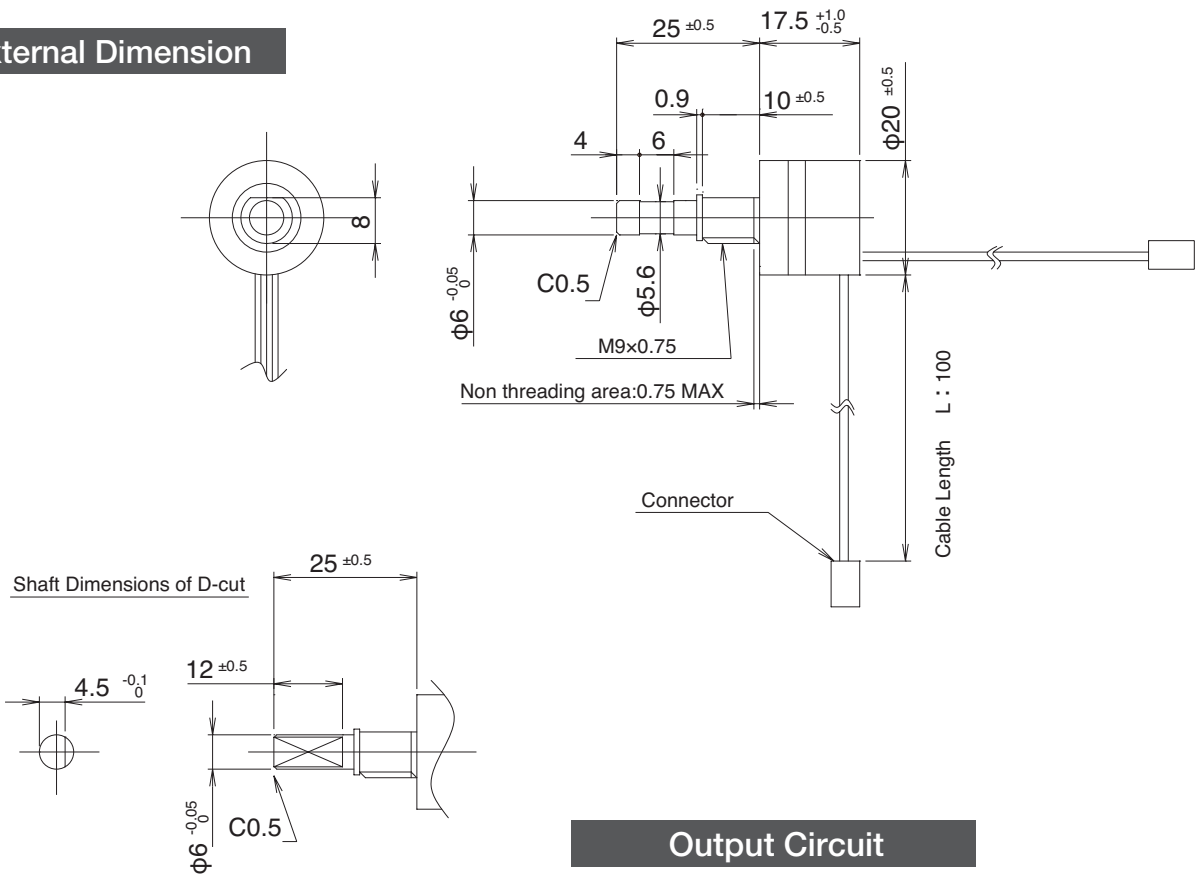


Model

MKE- -2- -010-00E



External Dimension

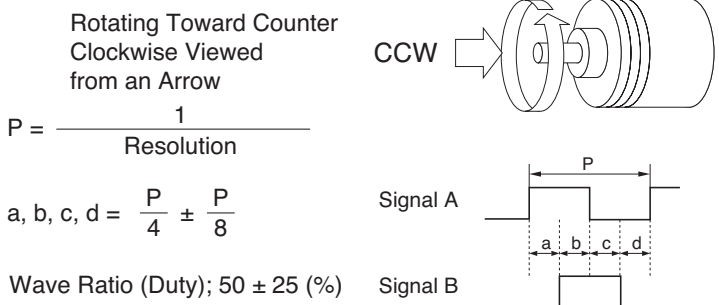


Electrical Spec

|                            |        |                |
|----------------------------|--------|----------------|
| Power Supply(Vcc)          |        | DC 4.75~5.25 V |
| Current Consumption        |        | 40 mA Max      |
| Output Voltage             | "H"    | Vcc-1v Min     |
|                            | "L" *1 | 0.5 V Max      |
| Maximum Sink Current       |        | 1 mA           |
| Rise& Fall Time            |        | 1.3 μs(TYP)    |
| Maximum Frequency Response |        | 5 kHz          |

\*1) at Maximum Sink Current

Wave Form



Electrical Connections

Connector JAE IL-S-4S-S2C2-S

| Pin No. | Color  | Signal            |
|---------|--------|-------------------|
| 1       | Blue   | Power Supply(Vcc) |
| 2       | Orange | Signal A          |
| 3       | Yellow | Signal B          |
| 4       | Black  | 0V                |

Mechanical Spec

|                           |        |                                      |
|---------------------------|--------|--------------------------------------|
| Starting Torque           |        | 4.9×10 <sup>-3</sup> N・m Max         |
| *1<br>Shaft<br>Loading    | Thrust | 9.8N                                 |
|                           | Radial | 9.8N                                 |
| Moment of Inertia         |        | 3×10 <sup>-7</sup> kg・m <sup>2</sup> |
| Net Weight(Without Cable) |        | 25g Max                              |

\*1) Without Abnormality on 5 seconds Loading.

Environmental Spec

|                       |                                               |
|-----------------------|-----------------------------------------------|
| Operating Temperature | 0℃~+60℃                                       |
| Storage Temperature   | - 20℃~+70℃                                    |
| Humidity              | RH 85% Max No Condensation                    |
| Vibration             | 10~55 Hz / 1.5mm X,Y,Z Each 2h                |
| Shock                 | 735m/s <sup>2</sup> ,6ms X, Y, Z Each 3 times |