# ZHKY2050B

## Dynamic Rotary Torque Sensor

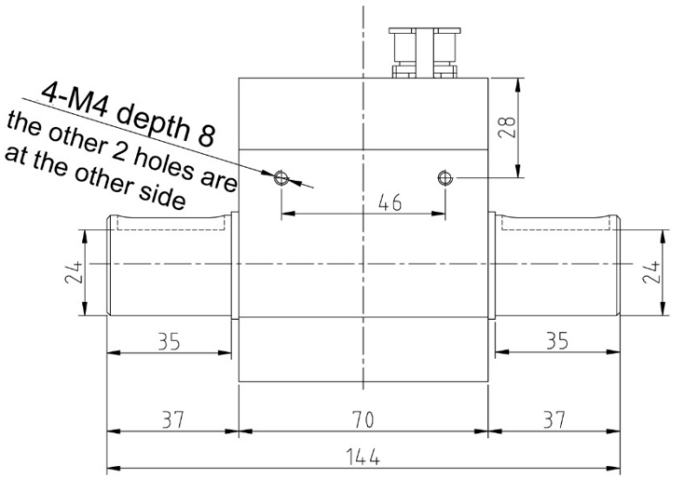


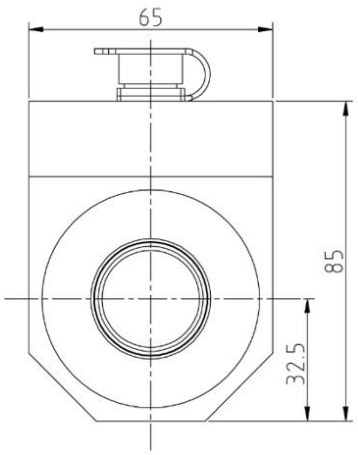




**Type: Non-Contact Torque Sensor**
**Application: Rotating system, engine, crankshaft, gearbox, transmission, rotor, bicycle crank cap torque tester.**
**Optional: On-board display**

## Size： mm




## Specification:

| | |
|---|---|
| **Torque capacity** | 200N.m, 300N.m, 500N.m |
| **Excitation voltage** | Default: ±15 VDC (frequency out)<br>Option: 24VDC (voltage/current out) |
| **Torque signal output** | Default: 5~15kHz (12V, 10kHz Zero)<br>Option: 4~20mA, 1~5V, 0-10V, ±10V |
| **Speed range** | 0~8000 RPM (Varies with capacity) |
| **Speed signal output** | Default: Pulse TTL<br>Option: 4-20mA, 0-10V |
| **Sampling frequency** | 200 samples/second |
| **Accuracy** | ±0.5% F·S (Default)<br>±0.3% F·S (Optional)<br>±0.1% F·S (Optional) |
| **Operating temp. range** | 0 ~ 50°C |
| **Compensated temp. range** | 0 ~ 50°C |
| **Safety overload** | 200%F·S |
| **Material** | Aluminum body<br>Stainless steel shaft |
| **Cable length** | 5 m with 8pin Connector |
| **Cable connection** | Red: Exc +<br>Black: Exc -<br>Green: Signal +<br>White: Signal –<br>(Varies with output type) |

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