

ZHKY8050E

Dynamic Rotary Torque Sensor



Type: Slip Ring Torque Sensor

Application: Rotating system, engine, crankshaft, gearbox, transmission, rotor, bicycle crank, cap torque tester.

Specification:

Capacity	0.1N.m~5N.m
Speed range	Max.4000RPM
Output sensitivity	1.0~2.0 mV/V (Default)
	4-20mA (Optional)
	0-5/ 0-10VDC (Optional)
Accuracy class	±0.5% F-S (Default)
	±0.3% F-S (Optional)
	±0.1% F-S (Optional)
Hysteresis	±0.1%; ±0.3%; ±0.5% F-S
Repeatability	±0.1%; ±0.3%; ±0.5% F-S
Speed output	Not available
Operation temp. range	-10~+60° C
Temp. compensated range	25~60° C
Temp. effect on zero	±0.1% F-S/10° C
Excitation voltage	12 VDC
Insulation resistance	2000 MΩ/100VDC
Input resistance	700±10/350±10 Ω
Output resistance	700±5/350±5 Ω
Zero output	±1% F-S
Safety overload	120% F-S
Cable length	3 m
Cable connection	Red: Exc +
	Black: Exc -
	Green: Signal +
	White: Signal -

Size: mm

