

MODEL HSCB22

- Hall effect IC
- Servomount
- RoHS Compliant



Model HSCB22

General Specifications

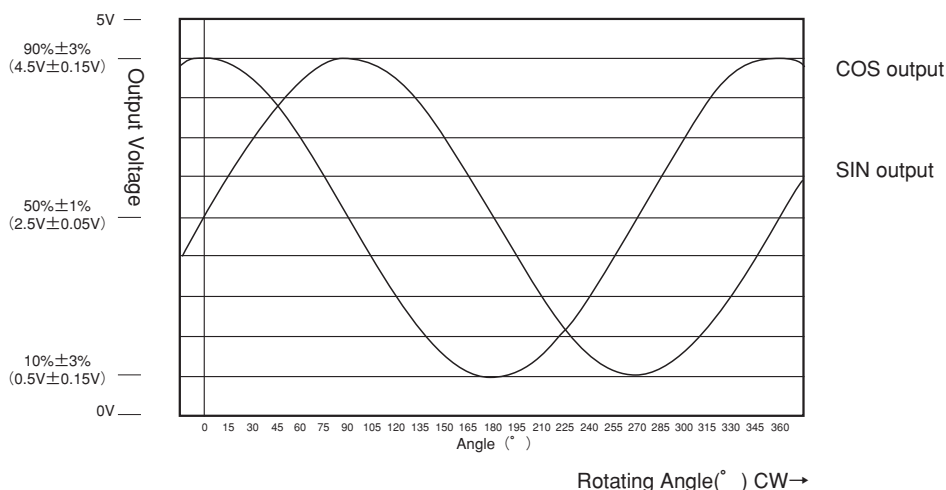
Current Consumption	Approx. 15mA
Mechanical Rotating Angle	360° (Endless)
Electrical Rotating Angle	360° (Endless)
Conformity	±0.8%FS
Applied Voltage	5V±10%D.C.
Load Resistance	10kΩ min
Output voltage Range	Approx. 10%~90%Vin
Output Temperature Characteristics	Within ±1.0%Vout/FS
Operating Temperature Range	-40°C ~ +105°C
Storage Temperature Range	-50°C ~ +105°C
Mass	Approx. 30g
Rotating Torque	Within 0.5mN · m

Environmental Specifications

Thermal Shock	5 cycles - 50°C ~ + 105°C
Exposure at Low Temperature	24 hours at - 50°C
Exposure at High Temperature	1,000 hours at + 105°C
Vibration	10 to 2,000Hz 196m/s ²
Shock	980m/s ² 6ms
Rotational Life Expectancy	Approx. 100,000,000 shaft revolutions
EMC Durability	100V/m(80MHz ~ 1GHz 1kHz 80% Amplitude Modulation)
ESD Durability	± 8kV contact discharge/ ± 15kV aerial discharge (Based on IEC 61000-4-2)

(Note) Rotational Life Expectancy may differ from the specifications depending on status of use.

Output Characteristics



Standard Dimensions

