



Model HSCB22

● General Specifications

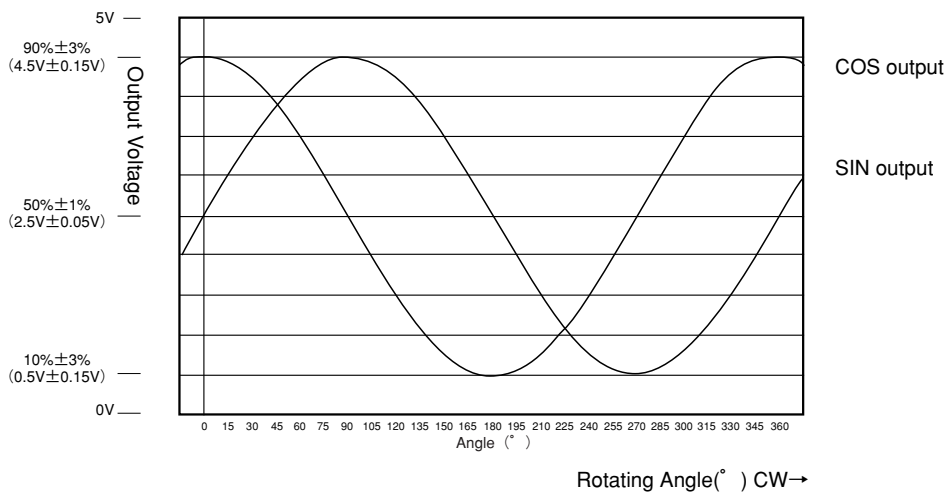
Current Consumption	Approx. 15mA
Mechanical Rotating Angle	360°(Endless)
Electrical Rotating Angle	360°(Endless)
Conformity	±0.8%FS
Applied Voltage	5V±10%D.C.
Load Resistance	10kΩmin
Output voltage Range	Approx. 10%~90%Vin
Output Temperature Characteristics	Within ±1.0%Vout/FS
Operating Temperature Range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

● Environmental Specifications

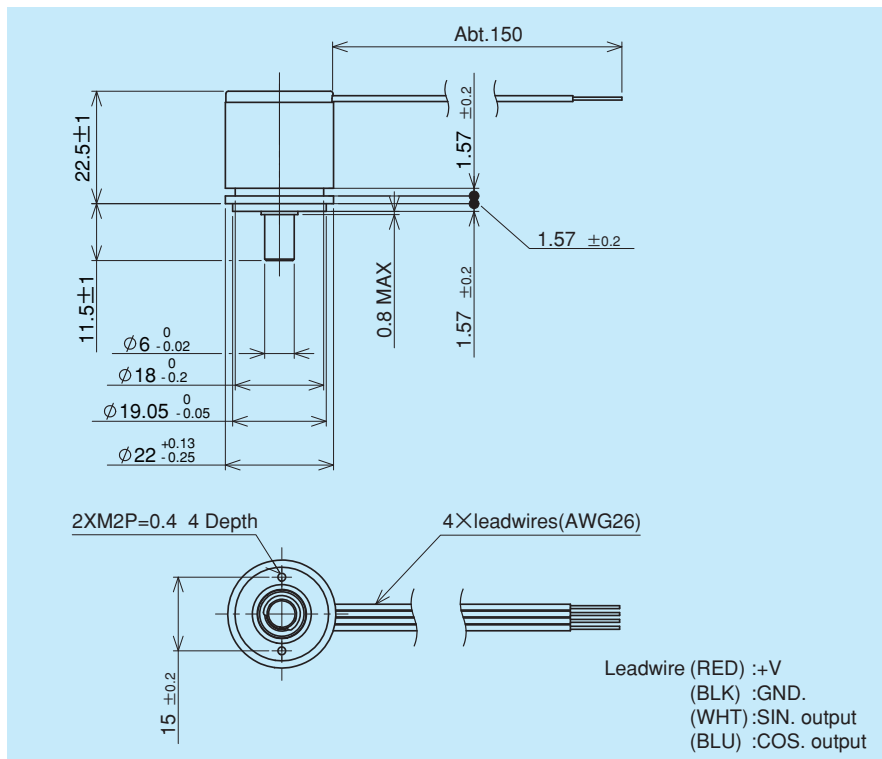
Thermal Shock	5 cycles -50°C~+105°C
Exposure at Low Temperature	24 hours at -50°C
Exposure at High Temperature	1,000 hours at +105°C
Vibration	10 to 2,000Hz 196m/s ²
Shock	980m/s ² 6ms
Life Expectancy(shaft revolutions)	Approx. 100,000,000
EMC Durability	100V/m(80MHz~1GHz 1kHz 80% Amplitude Modulation)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

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

● Output Characteristics



● Standard Dimensions



Leadwire (RED) :+V
 (BLK) :GND.
 (WHT) :SIN. output
 (BLU) :COS. output