



A	Overall Length	Customer Specified
B	Slip Ring Length	1.1 to 4.3 inches
C	Mounting Features	Customer Specified, Keyway or Flange
D	Shaft Diameter	Capacity Dependent
E	Slip Ring Diameter	2.5 to 4.9 inches



### STANDARD PERFORMANCE SPECIFICATIONS

MODEL / TYPE	Rotating
CAPACITY (FS)	0.25 to 120,000 in-lbs
OUTPUT	2.0 mV/V (Nominal), Others Available
BRIDGE RESISTANCE	350 Ohms (Nominal), Others Available
MAXIMUM ERROR (ACCURACY)	0.05 to 0.25% of FS
ZERO BALANCE	1% of FS
STANDARD OPERATING TEMP RANGE	-65 to +200°F (-54 to +93°C)
OPTIONAL OPERATING TEMP RANGE	-452 to +500°F (-269 to +260 °C)
SAFE OVERLOAD	150% of FS
ENVIRONMENTAL PROTECTION	Lab Environment to Water Splash Resistant
MATERIAL OPTIONS	Stainless Steel, Aluminum, Titanium

### FEATURES

- NIST traceable calibration
- CW and CCW Operation
- Capacity 0.25 to 120,000 in-lbs
- 150% Overload capacity
- Heat treated stainless steel construction
- Slip Ring or Wireless

### OPTIONS

- Higher output mV/V
- High level output (0-5 VDC, 0-10 VDC, 4-20mA)
- Harsh environment capabilities
- Custom mounting configurations
- Material options available: Aluminum, Titanium, Beryllium Copper
- Water splash resistant
- Cryogenic and high temperature
- Custom cable lengths and connectors available

### Contact Us for Your Custom Applications

508-992-0872 | [info@sensing-systems.com](mailto:info@sensing-systems.com) | 7 Commerce Way, Dartmouth, MA 02747 | [www.sensing-systems.com/torque-sensors](http://www.sensing-systems.com/torque-sensors)

