

ANALOG TORSIONAL VIBRATION SENSOR

The Analog Torsional Vibration Sensor (ATVS) was developed to address the industry's need for an analog sensor that provides reliable data to identify torsional vibration without the installation of encoders, slip rings, and telemetry.

Features

- Contactless (No Encoders, Slip Rings, or Telemetry)
- No Modification to Shaft/Rotor
- Analog Voltage Output: $0.1 \frac{Volt}{m/s}$
- Simple Data Acquisition System
- Can be Installed at Any Location Where the Shaft is Exposed
- Not affected by Dust/Dirt/Oil/Water/Grease...
- Dedicated Noise-Only Output
- Easy Gap Adjustment During Operation
- **High Temperature Option up to 200°C**

Applications

- Identifying Torsional Natural Frequencies
- Torsional Load Monitoring
- Rotor Health/Condition Monitoring
 - Rotor/Blade Vibration Monitoring
 - Rotational Fatigue Monitoring
 - Crack Identification During Operation
- Torsional Damper Development
- Pump Vibration Monitoring

Industries

- Electric Power Generation (Nuclear, Fossil, Hydro...)
- Marine/Shipping (Drive Shaft Monitoring)
- Oil and Gas
- Aviation/Aerospace
- Research and Development

More Information

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