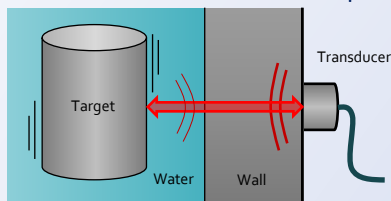


ULTRASONIC VIBRATION MONITORING SYSTEM

The Ultrasonic Vibration Monitoring System (UVMS) was developed to address the industry's need to monitor the vibration of components through a pressure boundary.

Operating Principle

Time of flight measurement of an ultrasonic pulse.



Features

- Vibration/Clearance Monitoring
- No Modification to Pressure Boundary
- Analog Voltage Outputs (4 Channel)
- Digital Outputs: In Range/Warning/Alarms

Applications

- Hydro Runner Clearance and Seal Gap Monitoring
- Valve Internal Vibration Monitoring
- Pump Impeller Clearance and Vibration Monitoring
- BWR Jet Pump Assembly
- PWR Control Rod Drive Mechanism and Core Barrel
- Heat Exchangers
- Startup Testing, Commissioning

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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