

Tor Neptune





Industrial application device, the Vibration sensor is a cost-effective solution with high sensitivity, fast response, and superior performance



Ease of mounting

Magnetic base for ease of mounting and built to use in harsh industrial working conditions



Protection

Load dump protection as per ISO 7637-2 with IP 65 Enclosure



Interfaces

Lite Gateway with serial communication interfaces : RS 485/CAN/BLE



Condition-based monitoring

Enable your preventive maintenance to increased reliability, improved uptime. Remote & real-time monitoring system helps in achieving high operation efficiency

Sensing tech	MEMS based
Vibration sensor	3-axis MEMS sensor
Frequency range	10Hz to 1.3kHz
Sampling rate	6.66k per sample
Shock tolerance	10,000g for 0.2ms
Linear acceleration sensitivity	0.488mg/LSB ($\pm 16G$)
Resolution	16 bit
Data from sensor	3-axis acceleration & velocity RMS, temperature
Temperature sensor	Semiconductor sensor with max 0.2 °C accuracy over -40 °C to 100 °C range
RS-485	RTU connectivity on modbus protocol