

General purpose constant current accelerometers with isolated AC output. Made from robust stainless steel throughout for long term vibration analysis in harsh environments.

Our general purpose analysis sensors are ideal for use with portable and on-line vibration analysers, providing the user with a complete spectrum of vibration intensity against frequency. Changes in this spectrum allow the user to determine the health of the machinery to which the sensor is attached. Most analysers will store the spectral values and monitor changes over a period of time, allowing prediction of expected component life and enabling efficient planning of maintenance schedules.

Suitable environments

- Standard industrial conditions
- Submersible and long term wet operation
- Approved under ATEX, IECEx and ANZEx for use in hazardous areas
- Restricted access locations

MTN/1100



Technical

- **Frequency range:** 0.8Hz – 12kHz
- **Temperature range:** -55 – 140°C
- **Temperature range (submersible):** -55 – 90°C
- **Output:** AC 100mV/g
- **Entry type:** Top or side entry with integral cable or connector
- **Hazardous area:** ATEX and IECEx Group II certified
- **Sealing:** IP67
- **Sealing (submersible):** IP68*

Additional benefits of the 2200 Series

- Increased shock resistance eliminating signal interruption during high shock loading episodes
- Stable bias across temperature range eliminating sensitivity changes at high temperature

MTN/2200



Optional sensitivities

Mounting	Optional sensitivity (mV/g)
¼"-28 UNF Female	10
	30
	50
Q/F Female	500
	1000

*For further information on the products listed on this page, or to discuss a bespoke solution, please call us on +44 (0)1494 816569 or email info@monitran.com or visit www.monitran.com.