



Hansford Sensors

Excellence in Vibration Monitoring



**Sensors
that
protect
your
plant...**

Monitoring vibration...

Vibration Sensors - AC versions Series HS-100



Series HS-100

- Top entry, Industrial Accelerometers
- 100mV/g output (others available)
- Robust, welded stainless steel construction
- Frequency Response over 2 Hz to 10 kHz (typical)
- Submersible IP 68 sealed version available
- Cable or Connector outlet, including the new M12
- Operating temperature range of -55 to 140°C
- Choice of mounting threads or studs



Series HS-100S - Low profile

- Low profile, Side entry, Industrial Accelerometers
- 100mV/g output (others available)
- Robust, welded stainless steel construction
- Frequency Response over 2 Hz to 10 kHz (typical)
- Cable or Connector outlet, including the new M12
- Operating temperature range of -55 to 140°C
- Submersible IP 68 sealed version available
- Metric or Imperial threads



Series HS-100T - Dual Output

- Dual output, Industrial Accelerometers
- Vibration (100mV/g) and Temperature outputs
- Top or side entry
- Robust, welded stainless steel construction
- Frequency Response over 2 Hz to 10 kHz (typical)
- Cable or Connector outlet, including the new M12
- Operating temperature range of -55 to 140°C
- Various mounting threads and studs



Series HS-105 - High Temperature

- Industrial accelerometer
- Operating temperature range of -55 to 250°C.
- 100mV/g output with the external charge amplifier.

Series HS-130 - Compact version

- Compact general purpose accelerometer
- 100mV/g output and low weight.

Series HS102 - Low Cost

- General purpose Industrial accelerometer
- 100mv/g output

For more information on any of the above sensors, request a Data Sheet or visit www.hansfordsensors.com

The Vibration Sensors shown on these pages are our standard models, but we also offer a custom-design service where we will design and build a specific sensor to exactly fit your requirements. Call us for details...

Monitoring vibration...

Vibration Sensors - 4-20mA versions Series HS-420



Series HS-420

- Top entry, Industrial Accelerometers
- 4-20mA output for PLC connection
- Robust, welded stainless steel construction
- Frequency Response over 2 Hz to 10 kHz (typical)
- Submersible IP 68 sealed version available
- Cable or Connector outlet, including the new M12
- Operating temperature range of -55 to 80°C
- Choice of mounting threads or studs



Series HS-421

- Top entry, Industrial PLC Accelerometers
- Dual output of 4-20mA proportional to velocity and AC 'g' for data collection.
- Robust, welded stainless steel construction
- Frequency Response over 2 Hz to 10 kHz (typical)
- Submersible IP 68 sealed version available
- Cable or Connector outlet, including the new M12
- Operating temperature range of -55 to 80°C
- Choice of mounting threads or studs



Series HS-420T - Temperature Output

- Dual output measuring vibration and temperature

Series HS-422

- 4-20mA output proportional to 'g'
- Top entry, Industrial Accelerometer
- Robust, welded stainless steel construction
- Frequency Response over 2 Hz to 10 kHz (typical)
- Submersible IP 68 sealed version available
- Cable or Connector outlet, including the new M12
- Operating temperature range of -55 to 80°C
- Choice of mounting threads or studs



Accessories for Vibration Sensors

- Magnetic Mounts
- Mounting Studs (various threads or glue fixing)
- Connection brackets
- Cable assemblies for connection to Data Collectors

For more information on any of the above sensors, request a Data Sheet or visit www.hansfordsensors.com

The Vibration Sensors shown on these pages are our standard models, but we also offer a custom-design service where we will design and build a specific sensor to exactly fit your requirements. Call us for details...

Monitoring vibration...

Sensor Equipment - Switch Boxes, Series 500 Sensor Modules



Switch Boxes - Series HS-SE

- The HS-SE provides a common point to terminate up to 100 sensors and with the rotary switch allows readings to be taken with a portable data collector.
- Available in various materials including painted mild steel, stainless steel, GRP, etc.

Monitoring / Protection Systems



Series HS-500 - Sensor Modules

- A family of DIN rail mounted modules for use with our sensors.
- HS-510 - Vibration/Trip Display Module.
- HS-520 - For use with 100mV/g sensors. Several outputs.
- HS-530/535 - Triple output Modules.
- HS-570 - Power Supply Module (For HS-510, 520 & 530/535)
- HS-580 - Industrial enclosure to house HS-500 modules.

New Products for the near future...



ATEX Vibration Sensors

In the future, the range of vibration sensors will include a complete family of ATEX approved models, specifically for use in the gas, petrochemical, coal mining, powder and process industries.

Portable Vibration Meter - HS-620

The HS-620 is a NEW design portable vibration meter, ideal as an entry-level instrument for Maintenance Engineers to use around the factory.

Vibration Sensor with USB interface HS-VPOD

The HS-VPOD is a brand new vibration sensor that comes with an integral USB driver allowing it to directly interface with any PC, laptop or PDA.



Tel: +44(0) 845 680 1957
Fax: +44(0) 845 680 1958
Email: sales@hansfordsensors.com
Web: www.hansfordsensors.com

