



A warm welcome to our August Newsletter!



Dear Reader,

We are continuing production and fulfilling orders to you our valued customers and partners, during these unprecedented and uncertain times.

In response to the growing demand for vibration monitoring in tough manufacturing and process environments, we've launched new Triaxial Accelerometers and Compact Vibration Sensors.

Due to COVID-19 we haven't been able to attend exhibitions, however brand awareness is forever increasing through our print and online presence.

As we go forward, we will keep you updated, and we always value your questions and feedback.

Best Wishes,

Chris Hansford

New: HS-173R Triaxial Accelerometer with FEP Cable



A new addition to the existing range of Triaxial Accelerometers is the HS-173R with FEP cable. The FEP cable features a protective conduit made from stainless steel, which is highly resistant to oil, rust and corrosion, ideal for withstanding the demands of harsh industrial environments.

This top exit device is capable of providing simultaneous measurement in three axes and provides a settling time of just 1.0 seconds. With an operating temperature range from -55 to 150°C.

[Check out the HS-173R datasheets on our website](#)



HS-173I PUR with Conduit

The HS-173I Intrinsically Safe Triaxial is now available with the option PUR cable and protective conduit. This cable and conduit combination offers impressive compression, impact and tensile strength.

The HS-173I is sealed to IP68, and certified for use in Hazardous environments with European, USA and Australian approval.

This Triaxial is also available with a round top design. View the HS-173IR datasheet [here](#).

[Explore our Intrinsically Safe Triaxials](#)



New Compact Accelerometer

The new HS-130F Accelerometer, features a high frequency range. This compression Accelerometer has a sensitivity of 10mV/g or 100mV/g.

It has been designed to be a reliable, compact and lightweight device, capable of providing consistent and repeatable measurements, with excellent frequency response – without compromising performance.

The highly flexible Flame Retardant cable conforms to IEC 60332-1 standards.

[View the HS-130F Accelerometer](#)



BTCC 2020 Season Update

The British Touring Car Championship (BTCC) season finally got underway last month with the first weekend of racing at Donington Park. Tom completed a hat-trick of top six finishes.

The most recent round of racing at Brands Hatch saw Tom take to the podium for the first time this season coming 2nd in a close fought race, placing him fourth in the drivers' standings.

We're proud to be sponsoring Tom for a ninth consecutive campaign, with his focus on clinching the biggest prize in British Motorsport.

[Check out Tom's most recent video](#)



Oil and Gas Industry

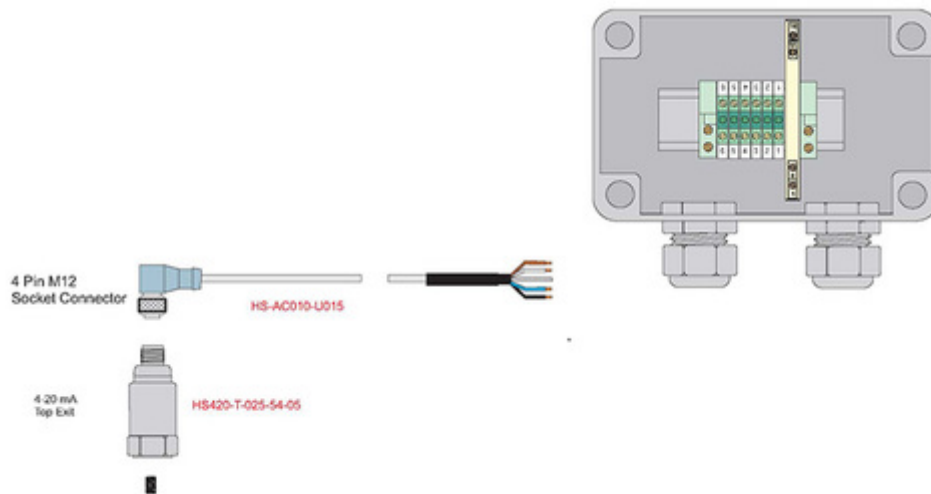
Our range of accelerometers, transmitters and vibration sensors, together with our comprehensive range of options, are designed for use in many different industries including Oil and Gas.

These products enable maintenance engineers to monitor vibration levels of large pumps, diesel engines, fans, compressors, motors, drilling rigs and all types of rotating machinery in upstream, midstream and refining facilities.

Check out our Oil and Gas brochure below for more information.

[Oil and Gas Brochure](#)

A low cost solution for 4-20mA Temperature and Vibration



When your permanent machine monitoring application requires bearing temperature and vibration the HS-420T can loop powered 4-20mA vibration and 0-1V for temperature.

In applications where electrical noise can make a 0-1V subject to interference then converting the voltage to a 4-20mA signal close to the accelerometer can be desirable. Hansford Sensors HS-540-T housed in a local HS-JE-PC-250 junction box can provide a very economical solution. Examples of applications where this has been previously used include a marine application when monitoring a main drive gearbox.

[Read more here](#)

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Talk to us today!

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