



Welcome to our August Newsletter!



Dear Reader,

We hope you've had a great few months!

Since our last edition of the newsletter, we are pleased to announce the expansion of our intrinsically safe 4-20mA transmitters with the new HS-421I & HS-423I series.

After disruption within the production, supply chain and logistics functions at the start of the year, we have increased capacity within our production team now running two shifts. This is due to our accelerated growth in the export market and to ensure we keep up with the demand in order requirements.

Last month we begun our events calendar, exhibiting at Vibration Analysis Conference in the US. Future events this year will be taking us to Maintec UK, SPS IPC Germany and IMC USA.

Wishing you all every success!

Best Wishes,

Chris Hansford

New Intrinsically Safe 4-20mA Transmitter series



We have a range of ATEX and IEC Ex certified intrinsically safe 4-20mA vibration transmitters, ideal for direct use with PLC, BMS or other 4-20mA input modules. The most recent addition is the HS-421I and HS-423I series of transmitters now giving AC & 4-20mA output in certified areas. Sealed to a minimum of IP65 and certified for use in Group II (Petrochemical) applications. This ensures the safe operation of electrical equipment in dangerous areas.

With their construction in stainless steel and the ability to withstand tough operating conditions, the transmitters offer reliability, optimum performance and long service in a range of hazardous environments. Available in a choice of either integral cable or connector, including tough braided cable, waterproof silicon cable, 3 Pin MS connector or M12 connector.

[HS-421I](#) & [HS-423I](#) Datasheets

Introducing HS-517 Series



The new HS-517 series available for general industry and I option for intrinsically safe, is designed for use with our HS-420I series with 4-20mA output, and also available for non intrinsically safe 4-20mA transmitters.

One of the key features is the display indicates measurement values with a integral LED display and optional relays.

Temporary or permanently installed using the sensor M12 connector option. The display is 330° rotatable and 300° connector to allow for easy viewing when the sensor is mounted in a difficult position. This device can be used in intrinsically safe areas with European approval, is sealed to IP65 and works with 4 Pin M12 connector.

[HS-517 and HS-517I Datasheets available here](#)



Tom's Title Challenge

Tom has had a strong start to his BTCC campaign with a podium finish at the first round of racing at Thruxton. In the second round at Snetterton, Tom had an excellent weekend of racing, finishing 2nd in race 1 and gained his first win of the season in race 3.

Continuing his impressive form at Brands Hatch, Tom had his second win of the season after an excellent drive in race 2 to secure victory, and this was followed on with another victory at Knockhill after producing one of the best moves of the BTCC season for far. We can't wait to watch the next few races!

[Latest BTCC standings](#)



New: HS-552 Module

A new addition to our product range is the HS-552 connection module. With easy connection input through AC accelerometer and AC output via BNC.

The HS-552 module uses DIN rail mounting, allowing ease of installation and the temperature ranges from 0 to 55°C. This module provides the engineer with a system offering full protection for valuable plant and machinery.

[Check out the HS-552 datasheet here](#)

How to install screened cable on an accelerometer system



We offer a range of cable assemblies for use with accelerometers to suit your application, these are available with a range of specifications. One of these options includes screened cable, which is often used for instrument cables to minimize the effect of radiated EMF emanating from external sources. To find out more information and understand how to install screened cable on an accelerometer system, view our useful application note below.

[View the application note on installing screened cable](#)

sales@hansfordsensors.com

Talk to us today!

[+44 \(0\) 845 680 1957](tel:+44208456801957)

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