



Gold Premier Listing



Sensor Technology are showing their latest torque and load measuring solutions. TorqSense Digital torque sensors and transducers are ideal for a wide range of industrial, test and measurement applications and are also suitable for machine builders and OEM use.

LoadSense is a rugged, wireless load measuring transducer for any industrial applications, offering simplicity of setup and use at a competitive price.

TorqSense Digital RWT410/420 series torque transducers with integral digital electronics offer cost effective, non-contact digital rotary torque measurement, using Surface Acoustic Wave (SAW) technology, suitable for torque monitoring, testing or controlling drive mechanisms. TorqSense transducers and their technology are particularly appropriate for OEM applications.

The sensors replace the well-received TorqSense RWT310/320. The electronics have been upgraded to produce lower power consumption of 3 watts, frequency response up to

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10kHz and resolution of .02 of FSD, with faster digital data throughput and increased transducer overload to 300%, these represent significant performance gains. Other ranges of TorqSense RWT transducers available include RWT430/440 and the new RWT450/460 Pulley torque sensors. All feature the enhanced electronics.

The latest version of TorqView has been written in NI LabVIEW, to provide a very simple yet user-friendly measurement analysis and data presentation interface. However, single VI's are available from Sales for users with LabVIEW.

The wireless LoadSense load sensor is a strain gauge based stainless steel tension type sensor with the capability of wirelessly transmitting its data to one of our compatible readouts and displays or recording its data locally. Its inbuilt 32MB memory can hold up to 149 hours of data, which can then be downloaded to a PC via its USB cable. The Load Sensor transmits using the worldwide licence free frequency of 2.4GHz on two built in antennas.

The new development allows weighing processes to be fully integrated with handling operations. All live data is captured in real time and can be transferred to a database, stored, totalised and analysed. The load sensor can be integrated with a crane hook, fork lift or other handling device. The LoadSense load sensors – sizes from 1 Tonne to 20 Tonnes, can be used with our Handheld Receiver Display which can read several devices at the same time, and/or our stand alone Receiver Interface which is used to output the data via RS232/RS422.

Sensor Technology Ltd

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FYLDE

M O D U L A R
I N S T R U M E N T A T I O N



Blazingly fast
Strain Gauge amp!
500kHz bandwidth
<1µs response

(*FE-H379-TA is a development of the FE-379-TA with over 5000 units sold.)

FE-H379-TA* High-Speed Transducer Amplifier

FYLDE Analogue Performance

- DC-500kHz bandwidth.
- For 1/4, 1/2 and full bridges.
- Digital Auto-Balance.
- Switched Low Pass filter.

Applications:
Hopkinsons Bar, explosive
tests & data acquisition.



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