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For monitoring torque in PTO-driven applications, such as agricultural machinery and industrial equipment.

SGR571



CEO's Corner

Take control of torque measurement with the [SGR571 TorqSense Torque Sensor](#) from Sensor Technology Ltd. Engineered for Power Take-Off (PTO) systems, it delivers precise torque and speed data in demanding agricultural, construction, and industrial applications—with easy installation and rugged IP65 protection.

PC connectivity, configuration software, data logging, user-adjustable output limits, and analog or digital outputs make the SGR571 exceptionally versatile. A wide 11–32 V input range simplifies integration, while its anti-rotation eye hook keeps the sensor stable for consistently reliable performance.

Read more below.

Alan Lowne
CEO, Saelig Company Inc.

What's New?

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**SENSOR
TECHNOLOGY**

**TORQ SENSE**



- Uses non contact technology instead of noisy slip rings
- Suitable for torque measuring, testing, feedback control of drive mechanisms
- high bandwidth low cost torque measuring solution



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SGR571 Key Features and Benefits:

- Range up to 2000Nm
- Compatible with all PTO spline types
- Accurate measurement $\pm 0.1\%$ of torque and speed
- User configurable limit outputs
- High mechanical overload 400%
- Overrange reading 250%
- High digital sample rate of 4000 samples per second
- Digital o/p – RS232 & USB (std), optional CANbus/Ethernet
- Compatible with TorqView Monitoring Software
- Non-contact signal transmission - no slip rings
- Durable Design: housed in rugged, weather-resistant casings
- Lifetime Warranty



The SGR571 offers easy installation and integration with existing PTO systems, providing reliable and consistent data without the need for complex modifications. Options include wireless data transmission capabilities, allowing operators to monitor torque levels remotely via digital displays or mobile devices. By providing accurate real-time torque measurements, the SGR571 transducer helps prevent equipment overload and mechanical failure, reducing maintenance costs and downtime, as well as extending machinery life.

Applications:

- Agriculture: Monitor the performance of tractors and other agricultural equipment to ensure efficient power delivery, optimize fuel consumption, and reduce wear and tear on machinery.
- Construction: Improve the operational efficiency of heavy-duty construction equipment such as excavators and cranes, by measuring torque more precisely during operation.
- Industrial Equipment: Ideal for industrial machinery that relies on PTO systems, allowing for better performance monitoring and predictive maintenance.



Manufactured by Sensor Technology Ltd - Europe's leading provider of advanced torque and load measurement solutions - the SGR571 torque sensors are now available from Saelig Co. Inc. their USA technical distributor. For detailed specifications, free technical assistance, or additional information, please call 1-888-7SAELIG, or email: info@saelig.com, or visit www.saelig.com.

To Download the SGR571 Data Sheet, click this image >



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