

Gill Sensors are specialists in the design and manufacture of non-contact, solid-state position, liquid level and gas-flow sensors especially suited to harsh environments.

We pride ourselves on our attention to customer satisfaction and understand that our customers face individual challenges which cannot be serviced by traditional methods.

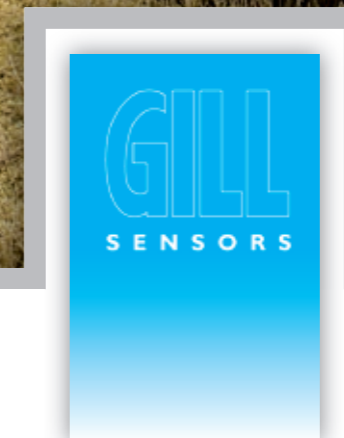
Our unique ability to tailor our imaginative and flexible design solutions to meet particular requirements has proved invaluable for many globally recognised companies.



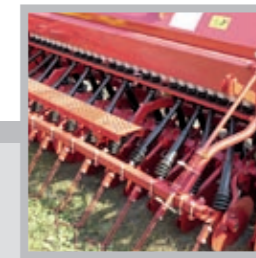
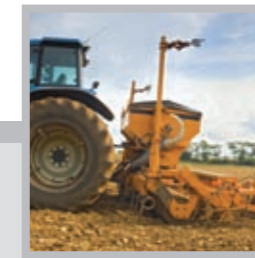
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Gill Sensors have developed a range of non-contact position and liquid level sensors specifically suited to the harsh environments associated with agricultural machinery.



Fuel Level
Custom Liquid Level Sensor



Gill liquid level sensors can be fully customised to ensure complete compatibility with individual customer requirements. The technology used requires no moving parts, prolonging the life of the sensor as there is nothing to jam or break.

Hopper Fill Level
Bulk Level Sensor

The Bulk Level Sensor gives an accurate indication of the presence or absence of dry bulk powder, granules or grain. Positioned at key intervals within the fill area, this sensor is ideal as an alarm trigger when a hopper/silo reaches maximum or minimum capacity.



Wheel Speed
Custom Speed Sensor

Proven in a tractor application, this custom designed wheel speed sensor was developed by Gill with a particular focus on ruggedness and reliability. Using a single bolt for clamping, this sensor is simple to install and provides essential information for traction control and automatic transmission systems.



Linear/Rotational Measurement
60mm Blade Sensor

With a greater measurement range than the 25mm Blade, the 60mm Blade is useful for applications where depth, position and size need to be monitored. Requiring a simple metallic target (commonly integrated into existing mechanical parts), this sensor has proved itself to be a valuable tool for tasks such as measuring the depth of seeds delivered by a seed drill. This sensor is also ideal for monitoring the draft arm position on a tractor's 3-point linkage.



Linear/Rotational Measurement
25mm Blade Sensor

The rugged 25mm Blade Sensor has the ability to monitor both linear and rotary position. With environmental protection to IP67 and no moving internal parts, this sensor is ideal for use on PTO driven implements, levers and drive controls which are often subject to aggressive environments such as mud, oil, vibration and pressure washing.



Control Pedals
Dual Cavity Sensor

The Dual Cavity sensor is able to accurately detect linear position and rotational movement up to 90°. In this application, the metallic activator is integrated into a rotating pedal which moves within the open cavities of the sensor. This configuration provides an accurate 'plug-and-play' system, proven on a number of foot pedal applications across a wide range of industries. A twin output version also allows monitoring of two functions with a single sensor.



Implement Monitoring
360° Blade Rotary Sensor

The Gill 360° Blade Rotary sensor is a compact, robust, solid-state solution to your rotary sensing needs. At just ø38mm, this sensor is easily sited onto your PTO driven implements wherever there is a need for rotational measurement. Using our unique non-contact technology, this unit has no moving parts and is ideally suited to equipment which is subjected to harsh environments.



Power-Shift Transmission
Gearbox Blade Sensor

This sensor is used in various gearbox applications for accurate monitoring of the shift-fork position. Sited within the gearbox, this non-contact, solid-state sensor is rated to IP67 and has a proven track record of success when subjected to harsh environmental demands.



The technology employed in our sensors can be readily customised to your exact requirements (range, connections, configuration etc). Contact us for further information.

