

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.

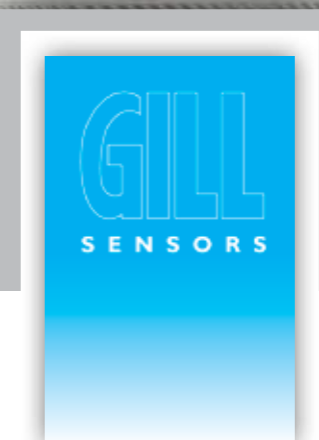
Our unique ability to tailor our imaginative and flexible design solutions to meet particular requirements has proved invaluable for many globally recognised companies.



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Gill Sensors have developed a range of non-contact position and liquid level sensors specifically suited to the harsh environmental demands of commercial vehicles.

**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 tail lifts, levers and drive controls which are often subject to aggressive environments such as mud, oil, vibration and pressure washing.



**Brake Pad Level  
Custom Brake Pad Wear Sensor**

This custom brake wear sensor can measure up to 10mm of linear movement by monitoring the position of a cylindrical metallic activator. As the brake pad wears, the sensor can relay information back to a vehicle's ECU providing the user with vital safety information.



**Wheel Speed  
Custom Speed Sensor**

This sensor can accurately monitor wheel speed, providing vital feedback for traction control and ABS systems. This non-contact sensor sits a few millimetres from the rotating metallic activator, so there are no internal moving parts to jam or wear out.



**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.



**Linear/Rotational Measurement  
Dual Cavity Sensor**

The Dual Cavity sensor is able to accurately detect linear position and rotational movement up to 90°. This sensor has been proven as an effective way to measure throttle position, both on the pedal and throttle body with a metallic activator incorporated into the rotating part. A dual output version is also available allowing for monitoring of two functions with a single sensor.



**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 angle 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 monitoring the articulation angle trailers.



**0-360° rotary position  
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 lifting and tipping equipment 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.



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

