

FlexiForce® : The Smart Load Sensing Solution for Inventory Management

With FlexiForce sensors, you can:

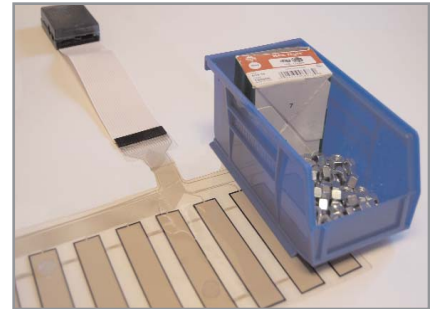
- Lower costs by eliminating the need for frequent time-consuming manual inventory checks, as a real-time computer assessment will always be available.
- Improve order scheduling by continually monitoring the number of parts in a bin. Functioning as a force threshold switch, the sensor can automatically trigger an order for more.
- Continuously monitor the contents of a shelf within a store so that items can be replenished after the customer purchases them.
- Avoid the risk of stopping production due to low inventory of a specific part.

Real-time management of inventory can save an organization thousands of dollars in time and money. An empty shelf in a store or an under-stocked part bin in a factory or hospital causes delays and loss of business, which ultimately affects the bottom line. FlexiForce® sensors, used with inventory management software, can provide real-time assessments of what is actually on the shelves. SSI Wireless utilized Tekscan's sensor technology to develop a prototype Real Time Wireless Inventory Reporting system. This prototype system demonstrates how wireless electronics and sensors can be applied in an inventory management system. While the system developed is not commercially available, it can be altered for a variety of industries so you can bring a product to market specific to your industry to report inventory levels of just about anything!

The prototype is designed to provide accurate and current inventory data. The development team at SSI utilized Tekscan pressure sensors to create this wireless prototype and user interface. Tekscan can create a custom sensor for more unique applications.



Wireless Inventory Management System-Prototype



Tekscan force sensor underneath bin

Benefits:

- Ultra-thin sensor construction and flexibility means minimal interference/disturbance to normal action
- Accurate response gives your customers and end users confidence in the performance of your product
- Knowledgeable/experienced technical staff help you develop the most effective, economical sensor based on your specific requirements. All manufacturing takes place at ISO 9001 & 13485 certified Tekscan headquarters.
- 100% factory inspection ensures your sensors meet established performance specifications.