

Product Notice

Industrial Automation



Product:

- Large Display Strain Gage (LDSG)

Date: November 2013

Overview:

The LDSG is the latest addition to Red Lion's popular Large Display portfolio for advanced control and communication of weight measurement in environments such as food processing, truck and crane scales, cement mixing and transport, and other weight monitoring scenarios.



Innovative Features:

Available in both a 2-1/4-inch and 4-inch display size, Red Lion's LDSG accepts most load cell and strain gage inputs and communicates real-time weight information to a database or management system for accurate monitoring, storage and reporting. This type of information is important for applications such as food processing, where weight monitoring and controlling of each ingredient is essential to accurately following recipes in batch production. By using alarming setpoints and a display that is readable from distances up to 180 feet away, operators are automatically alerted and can easily see when weight limits are being approached or exceeded.

The LDSG is supported by Red Lion's award-winning Crimson® 2.0 software. Crimson makes it fast and easy to configure the display, enable setpoints and more.

Industrial Efficiency:

With easy, push-button setup and NEMA4X/IP64 sealed enclosure design, LDSG implementation is simple. Once installed, weight values can be collected in real time and used later via its RS232/RS485 serial communication ports. This is especially significant for the crane industry, where insurance mandates are starting to require operators to verify that cranes are not picking up more weight than designed to hold.

Summary:

LDSG's advanced functionality and larger display screen gives plant engineers and maintenance staff the reliability and ease of use required to improve efficiency and reduce costs by increasing weight measurement accuracy.

Materials:

- [Press Release](#)
- [Datasheet](#)