

For your automation solutions

Collaborative Automation Partner Program

Weighing and force measurement solutions



Vishay Systems

Schneider
Electric

Vishay Systems

As a turnkey provider of weighing and force measurement systems, Vishay Systems designs and manufactures load cells, web tension blocks, instruments, hardware and software, and whole systems that meet customer requirements.



Vishay Systems has experience working with diverse customers in many different industries. This experience, and a broad product portfolio, enables Vishay Systems system engineers to provide innovative and creative solutions.

Process Measurement - Tanks, Silos, and Mixers

The unique Vishay Systems KIS Beam load cell provides accurate measurement in the most demanding process environments. Requirements for simple weight measurement on tanks or stable measurements during mixing are equally well met. Vishay Systems instruments are powerful, flexible, and user-friendly, and enable easy calibration and set-up with built-in communications capabilities with Schneider PLCs via Ethernet Modbus TCP protocol.

Batching Processes - Reactors and Process Vessels

Vishay Systems offers batching systems to help maximize product quality, consistency, and safety. Specially developed instrumentation includes over 250 application software packages such as recipe batching, flow measurements, and more that can be adapted to meet your needs.

Special Weighing Demands

For over 40 years, customers have turned to the experts in Vishay Systems for special weighing installations. Whether you are interested in converting a crane in a steel mill or developing a weighing system for a pharmaceutical pilot plant, Vishay Systems can provide a solution.





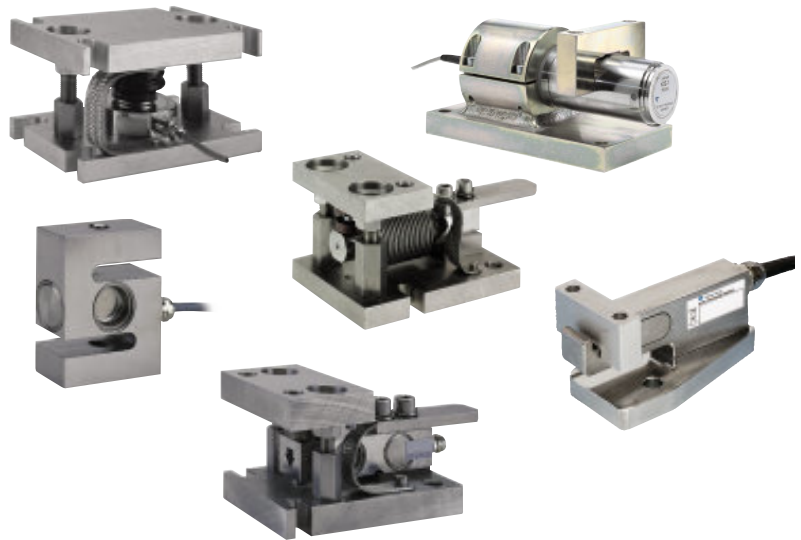
G4 - Fourth Generation of Process Instrumentation

Vishay Systems implemented modern technology in its new instruments family - the G4 - a fast, easy-to-use, high-performance weighing/force measurement instrument that sets new industry standards. The G4 is fully compatible with Schneider PLCs via Ethernet Modbus TCP communication.

Load Cells and Instruments

Through its Vishay BLH and Vishay Nobel brands, Vishay Systems offers high-quality load cells and weighing modules. Standard KIS, KOSD, KIMD and KISD can be customized to meet special requirements for reactor and mixer weighing, silos, and bins and hoppers for various industries including food process, pharmaceutical, steel, paper, and chemical.

Vishay Systems, through its sister division Vishay Transducers, also offers low-cost, high-accuracy load cells and mounting hardware for use in all kinds of weighing systems such as platform scales, filling machines, pallet scales, and weighbridges.



Single-and Multi-Vessel Process Weighing

The G4 features synchronous monitoring of multiple scales, a high update rate, advanced digital filtering, and flexible I/O capabilities. With Schneider PLCs, it provides state-of-the-art solutions for process weighing applications, such as:

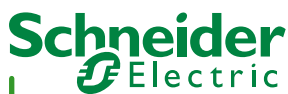
- > Quality-critical reactor vessels
- > High-value ingredient accountability
- > Ingredient storage bins
- > Batch / blend / mix systems
- > Loss-in-weight systems
- > Conveyer scales



Vishay Systems, weighing and force measurement solutions

Vishay Systems products are built on more than 50 years of experience providing complex weighing and force measurement solutions in a wide range of industries, from steel to pharmaceutical.

- > Easy to install
- > Rugged
- > High accuracy
- > State-of-the-art instruments
- > Crane protection and weighing
- > Tensiometers in steel, paper, and converting industry process weighing
- > Ec Steel industry
- > Food industry
- > Chemical industry
- > Pharmaceutical industry
- > Handling industry
- > Bulk and powder industry
- > High experience and knowledge



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Wherever you are Schneider Electric provides technical support around the world. What's more, Schneider's experts are at hand to work out a customized solution with you.



Vishay Systems

Weighing and Force Measurement Solutions

Vishay Systems brands include Vishay Nobel and Vishay BLH, providers of weighing and force measurement systems for over 50 years.

Vishay Systems is a division of Vishay Intertechnology, Inc., a Fortune 1,000 Company listed on the NYSE (VSH). Vishay Intertechnology has manufacturing and sales locations in the Americas, Europe, and Asia.

Vishay Systems supports the entire life cycle of its systems - design, production, installation, commissioning, start-up, and continuous field service and maintenance. Vishay Systems engineers follow every project from concept to implementation.

Service teams, stationed in Europe, the USA, and Asia, provide full support to customers and end users.

> www.vishay.com

Collaborative Automation

by



> Make the most of your energy