



VISHAY
PRECISION
GROUP



Product Overview

Solutions for Truck Scales and Weighbridges

**Celtron • Scentroidronics •
Revere • Tedea-Huntleigh**

Brands of VPG Transducers



CELTRON



Revere
Transducers



www.vpgtransducers.com

VPG Transducers offers products from Tedea-Huntleigh, Sensortronics, Revere, and Celtron brands, which have been providing weighing and force measurement products for decades. Our load cells, in combination with our Micro-Measurements know-how, use the most advanced strain gage technology available. Our experience and design capabilities make it possible for us to provide a wide range of standard and custom-made products and solutions. Throughout our worldwide operations, we have a commitment to uncompromising quality.

VPG Transducers is a division of Vishay Precision Group, which produces load cells based on resistive foil technology, load-cell-based systems, and vertically integrated products and solutions for multiple markets in the areas of force measurement, industrial weighing, and process control.

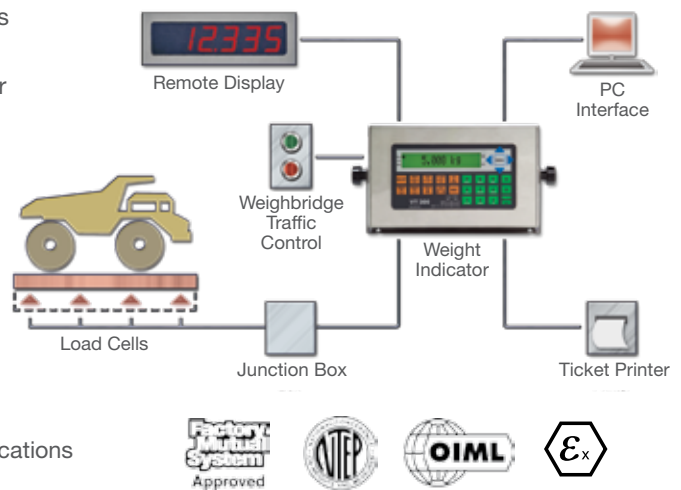
Complete Solution for Truck Scales and Weighbridges

VPG Transducers manufactures the widest range of products available for the truck scale and weighbridge industry.

Regardless of whether you are outfitting an analog system or a digital one, we provide:

- Compression load cells
- Double ended shear beams
- Weight indicators
- Large displays
- Surge-protection boxes
- Junction boxes
- Load cell mounts
- Instrumentation to suit your requirements

Customers requiring Legal-for-Trade and Environmental certifications are also accommodated with the following approvals:



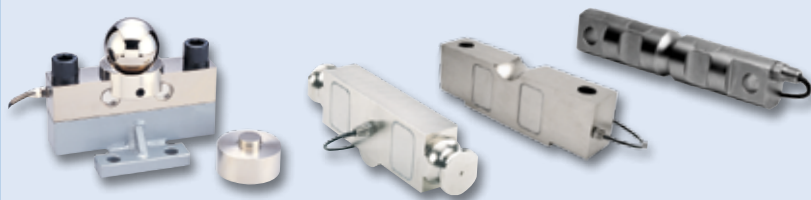
Compression Load Cells

- OIML and NTEP approved load cells
- Alloy steel and stainless steel construction
- Environmental protection: IP68
- Capacities from 5 to 100 ton
- ATEX and FM available
- Surge protection available



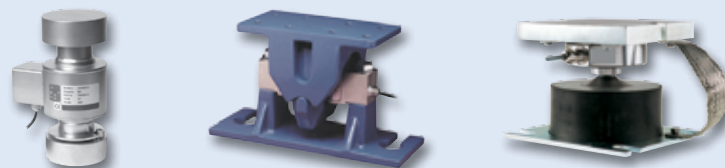
Double Ended Shear Beam Load Cells

- OIML and NTEP approved load cells
- Alloy steel and stainless steel construction
- Environmental protection: IP67 and IP68
- Capacities from 10 to 125 klbs, 10 to 50 ton
- ATEX and FM available



Mounts for Weighbridge Load Cells

- Suits many of the featured load cells
- High-quality components
- Rocker and self-aligning construction
- Alloy steel or stainless steel construction
- Low-profile design
- Composite rubber mounts available



Solutions for Truck Scales and Weighbridges

Celtron • Sensortronics • Revere • Tedea-Huntleigh



Indicator

- Specially designed as a weighbridge terminal
- Large 16-character LCD readout with backlight
- 27-Key alphanumeric and functional keyboard
- OIML and NTEP approved
- Stainless steel or aluminum enclosures
- Interface to ticket printer, large display, and PC interface



Display and Accessories



57-mm LED,
6-digit display



Analog Junction Box
(4, 6, and 10 load cells)



Weighbridge Surge
Protector

Solutions for Digital Applications

VPG Transducers offers an innovative solution for digital truck scales and weighbridges. Our digital system provides many advanced features that are not available with analog systems. Together with our newly developed weight indicator for digital load cells, this system provides:

- Digital calibration
- Digital corner compensation
- Easy installation
- Easy maintenance
- Storage of digital load cell parameters
- Extensive internal diagnostics
- Open communication protocol
- RS422 and RS485 digital communication
- Opto-isolated weigh set points
- Communication with a ticket printer and large display

Digital Load Cells

- OIML approved load cells
- Alloy steel and stainless steel construction
- Environmental protection: IP67 and IP68
- Capacities from 10 to 100 ton



Indicator for Digital Load Cells

- Dual scale operation (one digital, one analog)
- Specially designed as a weighbridge terminal
- Large 16-character LED readout with backlight
- 27-Key alphanumeric and functional keyboard
- Stainless steel or aluminum enclosures
- Alibi (Flash) memory and programmable database of transaction records
- Four programmable ticket formats
- Two serial ports with printing and networking



DISCLAIMER All product specifications and data are subject to change without notice. Vishay Precision Group, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "Vishay Precision Group"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained herein or in any other disclosure relating to any product. Vishay Precision Group disclaims any and all liability arising out of the use or application of any product described herein or of any information provided herein to the maximum extent permitted by law. The product specifications do not expand or otherwise modify Vishay Precision Group's terms and conditions of purchase, including but not limited to the warranty expressed therein, which apply to these products. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by any conduct of Vishay Precision Group. The products shown herein are not designed for use in medical, life-saving, or life-sustaining applications unless otherwise expressly indicated. Customers using or selling Vishay Precision Group products not expressly indicated for use in such applications do so entirely at their own risk and agree to fully indemnify Vishay Precision Group for any damages arising or resulting from such use or sale. Please contact authorized Vishay Precision Group personnel to obtain written terms and conditions regarding products designed for such applications. Product names and markings noted herein may be trademarks of their respective owners.

The Americas

United States **Vishay Precision Group – VPG Transducers**
801 Sentous Avenue • City of Industry, CA 91748
Ph: +1-800-872-4784 (Toll Free, USA only, outside of California)
+1-626-363-7500 • Fax: +1-626-332-3418
E-mail: lc.usa@vishaypg.com

Asia

Taiwan, R.O.C. **Vishay Precision Group – VPG Transducers**
8F-1, 171, Section 2, Datong Road • Sijhih City, Taipei 22183
Ph: +886-2-8692-6888 • Fax: +886-2-8692-6818
E-mail: lc.roc@vishaypg.com

P.R. China **Vishay Precision Group – VPG Transducers**
No. 5 Binguang Nan Dao Youyi Rd • Hexi District • Code 300061, Tianjin
Ph: +86-22-2835-3503 • Fax: +86-22-2835-7261
E-mail: lc.china@vishaypg.com

India **Vishay Precision Group – VPG Transducers**
#117, Old Mahabalipuram Road • Karapakkam Chennai - 600 097
Ph: +91-44-3917-4000 • Fax: +91-44-3917-4002
E-mail: lc.india@vishaypg.com

Israel **Vishay Precision Group – VPG Transducers**
8a Hazoran Street • P.O. Box 8381 • Netanya 42506
Ph: +972-9-863-8888 • Fax: +972-9-863-8800
E-mail: lc.il@vishaypg.com

Europe

United Kingdom **Vishay Precision Group – VPG Transducers**
Stroudley Road, Basingstoke • Hampshire RG24 8FW
Ph: +44-(0)125-646-2131 • Fax: +44-(0)125-647-1441
E-mail: lc.uk@vishaypg.com

Germany **Vishay Precision Group – VPG Transducers**
Tatschenweg 1 • 74078 Heilbronn
Ph: +49-7131-39099-0 • Fax: +49-7131-39099-229
E-mail: lc.de@vishaypg.com

France **Vishay Precision Group – VPG Transducers**
16 Rue Francis Vovelle • 28000 Chartres
Ph: +33-2-37-33-31-20 • Fax: +33-2-37-33-31-29
E-mail: lc.fr@vishaypg.com