

Solutions for Truck Scales and Weighbridges

Product Overview



Solutions for Truck Scales and Weighbridges

VPG Transducers is comprised of the Tedea-Huntleigh, Sensortronics, Revere and Celtron brands of Vishay Precision Group, Inc. (VPG). By uniting these four leading load cell manufacturers under one company, we created the largest load cell and transducer manufacturer worldwide.

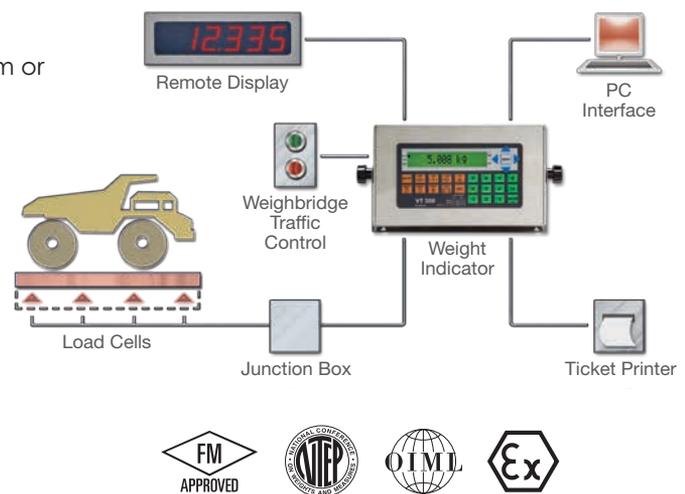
With more than 50 years of experience solving diverse customer challenges from many different industries, we are positioned to provide the right resources to deliver the right standard or customized solution for virtually every industrial weighing, process control and force measurement application.

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



Compression Load Cells

OIML and NTEP approved load cells
 Alloy steel and stainless steel construction
 Environmental protection: IP68
 Capacities from 5 ton 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 ton 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



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 ton 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



VPG Transducers

Celtron • Revere • Sensortronics • Tedea-Huntleigh



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PL0369-1608-EN