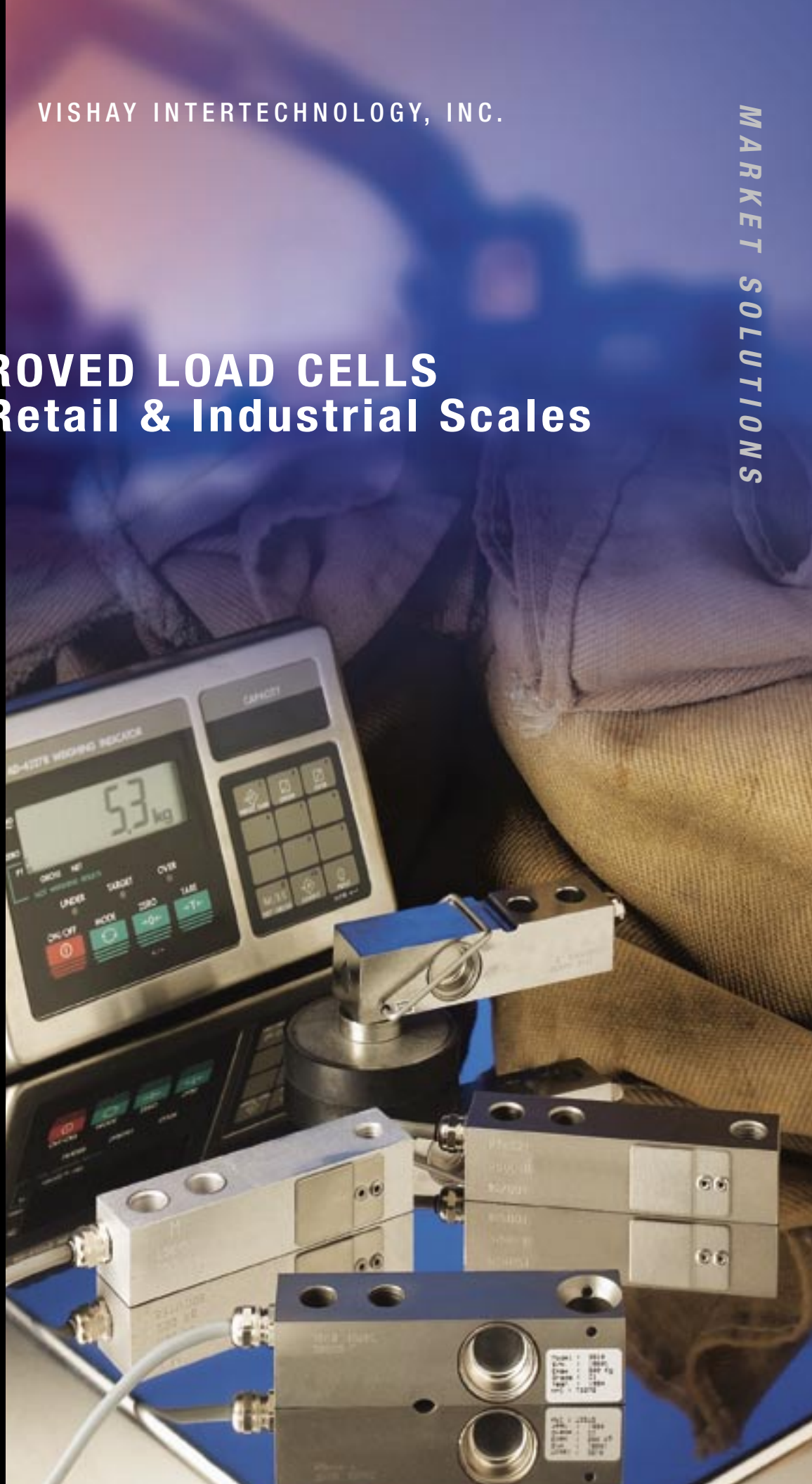




VISHAY INTERTECHNOLOGY, INC.

MARKET SOLUTIONS

APPROVED LOAD CELLS For Retail & Industrial Scales



The Experience You Need

Vishay Transducers is the world's leading manufacturer of weight, force, load and stability sensors for the scale manufacturing market with many years' experience of research and development in the latest technologies and modern manufacturing methods. With manufacturing and support facilities in Europe, North America, the Middle East and the Far East, we are ideally situated to support our global customers in the scale manufacturing market.

Experts in Your Field

Vishay Transducers sensors have been developed for many different applications, some of which are detailed below. For further information or to discuss your own specific needs, please contact your nearest Vishay Transducers office.

Retail and Commercial Scales

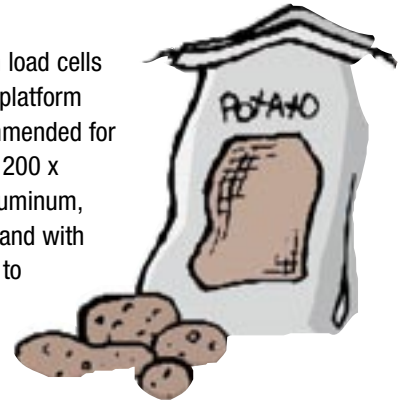
Vishay Transducers have served the retail scale manufacturing trade for over 30 years with trade approved (OIML or NTEP) single point load cells in anodised aluminum or stainless steel.



Daily ex-stock deliveries to our world-wide customer base of manufacturers of postal, counting, checkout and price computing scales, join the millions of Vishay Transducers load cells in service today.

Industrial Platforms

Matched sets of shear beam load cells provide easy setup on large platform constructions and are recommended for platform sizes in excess of 1200 x 1200 mm. Constructed of aluminum, alloy steel or stainless steel and with environmental protection up to IP68, Vishay Transducers can supply OIML or NTEP approved cells from an extensive stock holding to meet your needs whether a low cost platform or an all welded stainless steel application in a hazardous area.



Weighbridges

The Vishay Transducers low profile compression cells, when combined with the unique rocker pin or weighbridge mount assemblies, avoid the complicated arrangements that often accompany conventional installations. The composite assembly of the 220 weighbridge mount allows free movement in the horizontal plane while supplying a self-centering force and retaining low vertical deflection. Installation can be completed in a few hours instead of more than one day.



Aluminum, Steel and Stainless Steel Load Cells for Scale Manufacturing



At the Forefront of Design

Vishay Transducers have been at the forefront of load cell design for over 30 years. With a reputation which is second to none, our products are employed in every conceivable type of weighing and force measuring application throughout the world, from fish scales in Iceland to coal bunkers in Australia and tractors in Romania to hospital beds in the USA.

Options

Application specific options include sealing to IP68 for total liquid immersion, Intrinsic Safety approvals to EEx ia IIC T6, OIML certification, current matched outputs and an extensive range of mounting hardware to simplify installation and enhanced performance.



Single Point Load Cells

Capacities from 2 kg to 2000 kg
 OIML or NTEP approvals to 6000d
 IP54, IP66, IP67 or IP68 protection
 Aluminum or Stainless Steel
 Up to 1200 x 1200 mm platform
 I.S. approval (CENELEC or FM)

The widest range from the world's first manufacturer of single point load cells.

Shear Beam Load Cells

Capacities from 250 kg to 5000 kg
 OIML or NTEP approvals to 6000d
 IP66, IP67 or IP68 protection
 Aluminum, Alloy or Stainless Steel
 Supplied in output matched sets if required
 I.S. approval (CENELEC or FM)

Output matched load cells to simplify installation and calibration.



**Designed for Long Life, High Performance
 and Low Cost of Ownership**



High Capacity Load Cells

Capacities from 5 tonne to 50 tonne
 OIML approvals to 6000d
 Fully welded IP68 protection
 All Stainless Steel
 Supplied in output matched sets if required
 I.S. approval (CENELEC)

Traditional Vishay Transducer quality for reliability and peace of mind.

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VISHAY MEASUREMENTS GROUP

Vishay Transducers: Vishay Nobel, BLH, Celtron, Sensortronics®, TedeA-Huntleigh

Vishay Micro-Measurements: Vishay Micro-Measurements, BLH SR-4®

www.vishaymg.com

VISHAY IS ONE OF THE WORLD'S LEADING MANUFACTURERS OF DISCRETE SEMICONDUCTORS AND PASSIVE COMPONENTS