# Revere Load Cells

**Product Overview** 









| Product                       | Features  | Capacities                   |
|-------------------------------|---|------------------------------|
| Single-Eneded Beam Load Cells |   |                              |
| Model 5123                    | Nickel-plated steel construction  | 0.5, 1, 2, 5†                |
|                               | Environmentally sealed IP67 Certified to NTEP Class III, 3,000d Certified to OIML R-60, 3,000d Factory Mutual System approval | 1, 2.5, 4, 5, 10k lbs        |
| Model 9123                    | Stainless steel construction  | 0.5, 1, 2, 5 †               |
|                               | Environmentally sealed IP67   | 1, 2.5, 4, 5, 10, 20k lbs    |
| • •                           | NTEP Class III 5,000d<br>Certified to OIML R-60, 4,000d   | 1, 2.0, 4, 0, 10, 200 103    |
|                               | Factory Mutual System approval  |                              |
|                               | ATEX versions are available as an option  |                              |
| Model ACB                     | Stainless steel construction  | 0.5, 1, 2, 5 †               |
| Model AGD                     | Hermetically sealed IP66 / IP68   | 2.3, 1, 2, 3                 |
|                               | Certified to OIML R-60, 6,000d  |                              |
| CE CE                         | ATEX certified versions are available for use in potentially explosive atmospheres  |                              |
| Model SSB                     | Stainless steel construction  | 0.5, 1, 2, 5, 10 †           |
|                               | Hermetically sealed IP66 / IP68   | 1 0 5 101/15                 |
|                               | NTEP Class III 3,000d and Class IIIL, 10,000d   | 1, 2, 5, 10k lbs             |
|                               | Certified to OIML R-60, 4,000d  |                              |
|                               | Factory Mutual System approval  ATEX certified versions are available for use in potentially                                  |                              |
|                               | explosive atmospheres   |                              |
| Model SHBxR                   | Stainless steel construction  | 5, 10, 20, 30, 50, 100, 200, |
|                               | Hermetically sealed IP66 / IP68   | 350, 500 kg                  |
|                               | NTEP Class IIIL, 10,000d  |                              |
|                               | Certified to OIML R-60, 4,000d  |                              |
| Ce                            | Factory Mutual System approval  |                              |
|                               | ATEX certified versions are available for use in potentially explosive atmospheres  |                              |
| Model 9102                    | Stainless steel construction  | 200, 500, 1000, 2500 lbs     |
|                               | Hermetically sealed IP66 / IP68   |                              |
|                               | NTEP Class III, 5000d   |                              |
|                               | Certified to OIML R-60, 5,000d  |                              |
| CE                            | ATEX certified versions are available for use in potentially explosive atmospheres  |                              |
|                               | Factory Mutual System approval  |                              |
|                               | Interchangeable with existing Model 5102 (steel)  |                              |



| Burdani                 | Paralaus .   | C  |
|-------------------------|--|--|
| Product                 | Features   | Capacities                               |
| Single-Point Load Cells |  |  |
| Model HPS               | Stainless steel construction Hermetically sealed IP66 / IP68 Certified to OIML R-60, 3,000d Factory Mutual System approval ATEX certified versions are available for use in potentially explosive atmospheres  | 6, 12, 30, 60 kg                         |
| Ring Torsion Load Cells |  |  |
| Model RLC               | Stainless steel construction Hermetically sealed IP66 / IP68 NTEP Class III 5,000d and Class IIIL 10,000d Certified to OIML R-60, 6,000d Factory Mutual System approval ATEX certified versions are available for use in potentially explosive atmospheres | 0.25, 0.5, 1, 2, 3.5, 5,<br>10, 28, 60 † |
| Digital Load Cells      |  |  |
| Model DSC1              | Stainless steel construction Hermetically sealed, IP66 / IP68 Certified to OIML R-60, 4,000d RS485 / 422 interface   | 30, 40, 50 †                             |
| Model DSC2              | Stainless steel construction Hermetically sealed, IP66 / 68, IP69K Certified to OIML NTEP Class IIIL/10000 Multiple RS485 / 422 interface  | 20, 25, 30, 35, 40, 50 †                 |
| Model SCC               | Stainless steel construction Hermetically sealed, IP66 / IP68 Certified to OIML R-60, 4,000d RS485 / 422 interface   | 10, 25, 40, 60, 100 †                    |





| Product                           | Features  | Capacities                |
|-----------------------------------|---|---------------------------|
| Canister (Compression) Load Cells |   |                           |
| Model ASC                         | Stainless steel construction Hermetically sealed IP66 / IP68 Certified to OIML R-60, 6,000d Certified to NTEP Class IIIL 10,000d                      | 30, 40, 50 t              |
| Model ASC2                        | Stainless Steel Construction Hermetically sealed, IP66/68/69K Certified to OIML R60 5500d and NTEP IIIL/10,000 d                                      | 30, 40, 50 t              |
| Model CSP-M                       | Stainless steel construction Hermetically sealed IP66 / IP68 Certified to OIML R-60, 4,000d NTEP approved to Class IIIL 10,000d ATEX and FM available | 10, 25, 40, 60, 100 t     |
| Model 792                         | Stainless steel construction Hermetically sealed IP68 NTEP Class IIIL 10,000d Factory Mutual System approval  | 50, 100, 200k lbs         |
| Model KSR                         | Epoxy painted alloy steel Environmentally sealed IP66 Low profile design Trimmed output for multi-cell matching                                       | 6, 13, 28, 60, 130, 280 t |
| Model 92/93                       | 92 (2 mV/V) 93 (3 mV/V) Stainless steel construction Hermetically sealed IP66 / IP68 Factory Mutual System approval OIML approved up to 3000d         | 50, 100k lbs              |



Model 5103

| Product                        | Features  | Capacities                              |
|--------------------------------|---|---|
| Double-Ended Shear Beam Load C | Cells   |   |
| Model 5223                     | Nickel-plated steel construction Environmentally sealed IP67 Certified to OIML R60, 3,000d NTEP Class IIIL 10,000d Factory Mutual System approval | 50, 65, 100k lbs                        |
| Model 9223                     | Stainless steel construction Environmentally sealed IP68 NTEP Class III, 6,000d Factory Mutual System approval                                    | 50, 65, 100, 125k lbs                   |
| Model 9423                     | Stainless steel construction Environmentally sealed IP67 NTEP Class III 6,000d and Class IIIL, 10,000d Factory Mutual System approval             | 10, 15, 20, 25, 30, 40, 50, 60, 75k lbs |
| Model 9803                     | Stainless steel construction Environmentally sealed IP67 NTEP Class III 6,000d and Class IIIL, 10,000d Factory Mutual System approval             | 25, 50, 65, 100k lbs                    |
|                                |   | F 10 00 20 40 F0 (0 100                 |

Nickel-plated steel construction

NTEP Class III 5,000d and Class IIIL 10,000d

Environmentally sealed IP67

Certified to OIML R-60, 3,000d Factory Mutual System approval

ATEX version available

5, 10, 20, 30, 40, 50, 60, 100,

150, 200, 250k lbs





| Product                     | Features  | Capacities  |
|-----------------------------|---|---|
| Double-Ended Shear Beam Loa | d Cells (cont.)   |   |
| Model 9103                  | Stainless steel construction Environmentally sealed IP67 NTEP Class III 5,000d and Class IIIL 10,000d Factory Mutual System approval ATEX version available                   | 5, 10, 20, 30, 40, 50, 60, 100, 150, 200, 250k lbs    |
| Model 5203                  | Nickel-plated steel construction Environmentally sealed IP67 Factory Mutual System approval   | 1, 1.5, 2, 2.5, 5, 10, 15, 20, 25, 35, 50, 75k lbs    |
| Model 9203                  | Stainless steel construction Hermetically sealed IP66 / IP68 (5, 20, 25k) Environmentally sealed IP67 (others) Factory Mutual System approval Interchangeable with Model 5203 | 1, 1.5, 2, 2.5, 5, 10, 15,<br>20, 25, 35, 50, 75k lbs |
| Model 5303                  | Nickel-plated steel construction Environmentally sealed IP67 NTEP Class III 5,000d and Class IIIL 10,000d Factory Mutual System approval                                      | 25, 40, 50, 60, 75,<br>100, 125k lbs                  |
| Model 9303                  | Stainless steel construction Environmentally sealed IP67 NTEP Class IIIL 10,000d Factory Mutual System approval   | 10, 15, 20, 25, 30, 40, 50, 60, 75, 100, 125k lbs     |



| Product              | Features  | Capacities  |
|----------------------|---|---|
| Universal Load Cells |   |   |
| Model 363            | Nickel-plated steel construction Environmentally sealed IP65 NTEP Class III 3,000d and Class IIIL 10,000d Factory Mutual System approval  | 50, 100, 250, 500, 1000, 2500, 5000, 7500, 10000 kg  50, 75, 100, 150, 200, 250, 300, 500, 750, 1k, 1.5k, 2k, 2.5k, 3k, 5k, 10k, 15k, 20k lbs |
| Model 9363           | Stainless steel construction Environmentally sealed IP67 NTEP Class III 5,000d Class IIIL 10,000d Certified to OIML R-60, 3,000d Factory Mutual System approval   | 50, 100, 250, 500, 1000, 2500, 5000, 7500, 10000 kg  50, 75, 100, 150, 200, 250, 300, 500, 750, 1k, 1.5k, 2k, 3k, 5k, 10k, 15k, 20k lbs       |
| Model BSP            | Stainless steel construction Hermetically sealed IP66 / IP68 NTEP Class III 3,000d NTEP Class IIIL 10,000d Certified to OIML R-60, 3,000d Factory Mutual System approval ATEX certified versions are available for use in potentially explosive atmospheres | 50, 125, 250, 500, 1250,<br>2500, 5000 kg   |
| Mounts               |   |   |

#### **Tank Mount**



Stainless steel construction Various models to fit: RLC, CSP, SSB, SHBxR, 5123/9123, ACB

### T Foot



Stainless steel or nickel-plated steel construction Various models to fit: 5123/9123, SHBxR, 9102, SSB, RLC, ACB



Celtron • Revere • Sensortronics • Tedea-Huntleigh



## **Sales Contact**

vpgt.americas@vpgsensors.com vpgt.asia@vpgsensors.com vpgt.emea@vpgsensors.com OEM Customization Services: vpgt.customsolutions@vpgsensors.com Strain Gage Installation Services: vpgt.bonding@vpgsensors.com



vpgtransducers.com

DISCLAIMER: ALL PRODUCTS, 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, "VPG"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained herein or in any other disclosure relating to any product. The product specifications do not expand or otherwise modify PGG is made and conditions of purchase. To the maximum extent permitted by applicable law, VPG disclaims (i) any and all liability arising out of the application or use of any product, (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all limplied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability. Information provided in datashests and/or specifications may vary from actual results in different applications and performance may vary over time. Statements regarding the suitability of products for certain types of applications are based on VPG's knowledge of typical requirements that are often placed on VPG products. It is the customer's responsibility to validate that a particular product with the properties described in the product specification is used to product application. You should ensure you have the current version of the relevant information by contacting VPG prior to performing installation or use of the product, such as on our website vygensors.com. No license, express, implied, or otherwise, to any intellectual property rights is granted by this document, or by any conduct of VPG. The products shown herein are not designed for use in life-auxianj applications unless otherwise expressly indicated. Customers using or selling VPG products not expressly indicated for use in such applications. Product names and markings noted herein may be trademarks of their respective owners.