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LOAD CELLS

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Vishay Sensortronics

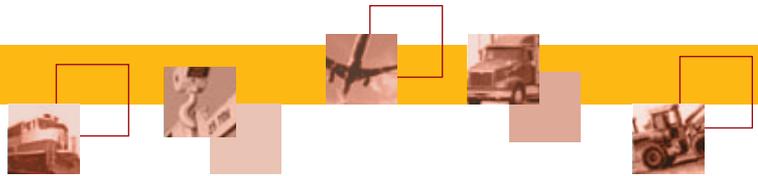
PRODUCT OVERVIEW



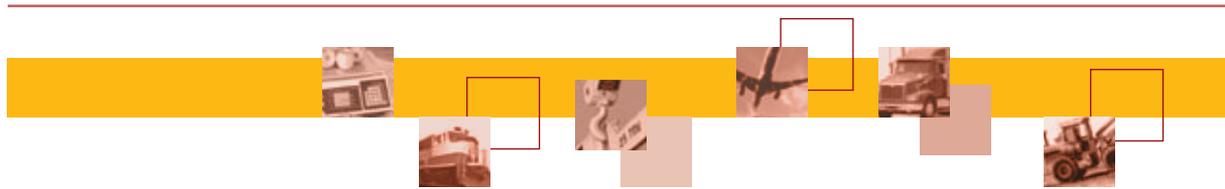


# Load Cells

Vishay Sensortronics



Product	Features	Capacities
<b>Multi-Colum Load Cells</b>		
<b>65088 Welded Sealed, Stainless Steel</b> 	<ul style="list-style-type: none"> <li>• Truck and railroad track scales</li> <li>• Stainless steel construction, IP67, FM</li> <li>• Sideload tolerant monolithic element</li> <li>• Interchangeable: Vishay Revere CSP</li> <li>• Certified to NTEP IIIL, OIML C3</li> </ul>	<b>25k, 50k, 100k, 200k lbs 10, 25, 40, 50 100 t</b>
<b>65094 Steel</b> 	<ul style="list-style-type: none"> <li>• High-capacity tank, bin and silo weighing</li> <li>• Level and inventory monitoring</li> <li>• 65092 weigh module available</li> <li>• Nickel-plated alloy tool steel construction</li> </ul>	<b>50k, 100k, 200k, 300k, 500k lbs</b>
<b>65114 Welded Sealed, Stainless Steel</b> 	<ul style="list-style-type: none"> <li>• Truck scales</li> <li>• Stainless steel construction, IP67, FM</li> <li>• Full hermetic sealing available</li> <li>• Certified to OIML C3</li> <li>• Certified to NTEP IIIL</li> </ul>	<b>50k, 100k lbs 25, 35, 50 t</b>
<b>S-Beam Load Cells</b>		
<b>60001 Steel or 60050 Stainless Steel</b> 	<ul style="list-style-type: none"> <li>• Bin, hopper and belt conveyor scales</li> <li>• Tension or compression measurements</li> <li>• Nickel-plated alloy tool steel or stainless steel construction, IP67, FM</li> <li>• Mounting hardware available</li> <li>• Certified to OIML C3</li> <li>• Certified to NTEP IIIL</li> </ul>	<b>25, 50, 100, 150, 200, 250, 300, 500, 750, 1k, 1.5k, 2k 2.5k, 3k, 5k, 10k, 15k, 20k lbs 50,100, 250, 500 kg 1, 2.5, 5, 10 t</b>
<b>60063 Welded Sealed, Stainless Steel</b> 	<ul style="list-style-type: none"> <li>• Bin, hopper and belt conveyor scales</li> <li>• Tension or compression measurements</li> <li>• Stainless steel construction</li> <li>• Mounting hardware available</li> <li>• Washdown sealed to IP68, FM</li> <li>• Certified to NTEP IIIL</li> </ul>	<b>500, 750, 1k, 1.5k, 2k, 2.5k, 3k, 5k lbs</b>
<b>Bending-Beam Load Cells</b>		
<b>60040 Steel</b> 	<ul style="list-style-type: none"> <li>• Tank, bin and hopper weighing</li> <li>• Belt conveyor scales and netweighing</li> <li>• Nickel-plated alloy tool steel, FM</li> <li>• 65059 weighing assembly available</li> </ul>	<b>25, 50, 75, 100, 150, 250, 500 lbs</b>



Product	Features	Capacities
<b>Shear Beam Load Cells</b>		
<b>65023 Steel or Stainless Steel</b> 	<ul style="list-style-type: none"> <li>Floor scales and tank, bin, hopper weighing</li> <li>Thru or threaded load hole</li> <li>Nickel-plated alloy tool steel or stainless steel construction</li> <li>65059/65082 weighing assembly available</li> <li>IP67, FM</li> <li>Certified to OIML C3 (1000 – 5000 kg only)</li> <li>Certified to NTEP IIIIL (1k – 10k only)</li> </ul>	<b>250, 500, 1k, 1.5k, 2k, 4k, 5k, 10k, 15k, 20k lbs</b>  <b>125, 250, 500, 750, 1000, 2000, 5000, 10,000 kg</b>
<b>65083 Welded Sealed, Stainless Steel</b> 	<ul style="list-style-type: none"> <li>Floor scales and tank, bin, hopper weighing</li> <li>Hostile environment applications</li> <li>Stainless steel construction, IP68, FM</li> <li>65080 weigh module available</li> <li>Certified to OIML C3 (1000 – 5000 kg only)</li> <li>Certified to NTEP IIIIL (1k – 10k only)</li> </ul>	<b>500, 1k, 1.5k, 2k, 4k, 5k, 10k, 15k, 20k lbs</b>  <b>250, 500, 750 kg</b>  <b>1, 2, 5, 10 t</b>
<b>Single-Point Load Cells</b>		
<b>60048 Stainless Steel</b> 	<ul style="list-style-type: none"> <li>Platform, bench and conveyor belt scales</li> <li>Checkweighing and netweighing</li> <li>Tolerates adverse loading conditions</li> <li>Stainless steel construction, IP67, FM</li> </ul>	<b>25, 50, 100, 200, 400, 500, 1k lbs</b>
<b>60051 Stainless Steel</b> 	<ul style="list-style-type: none"> <li>Platform, bench and hopper scales</li> <li>Checkweighing and netweighing</li> <li>Potted for high humidity</li> <li>Stainless steel construction, IP67, FM</li> </ul>	<b>10, 15, 25, 50, 100, 200 lbs</b>
<b>Double-Ended Shear-Beam Load Cells</b>		
<b>65016 Steel</b> 	<ul style="list-style-type: none"> <li>Batching, blending, mixing, level and inventory monitoring</li> <li>Tank, bin and silo weighing</li> <li>65016-TWA weigh module available</li> <li>Nickel-plated alloy tool steel, IP67, FM</li> </ul>	<b>1k, 1.5k, 2.5k, 5k, 10k, 15k, 25k, 35k, 50k, 75k, 100k, 125k, 200k, 300k lbs</b>
<b>65016 Welded Sealed, Stainless Steel</b> 	<ul style="list-style-type: none"> <li>Batching, blending, mixing, level and inventory monitoring</li> <li>Tank, bin and silo weighing</li> <li>65086, 65016-TWA weigh module available</li> <li>Washdown sealed to IP67, FM</li> <li>Stainless steel construction</li> </ul>	<b>1k, 1.5k, 2.5k, 5k, 10k, 15k, 25k, 35k, 50k, 75k lbs</b>
<b>65040 Steel</b> 	<ul style="list-style-type: none"> <li>Truck and railroad track scales</li> <li>Double-ended link loading</li> <li>Nickel-plated alloy tool steel</li> <li>Certified to OIML C3</li> <li>Certified to NTEP IIIIL</li> <li>FM, IP67</li> </ul>	<b>25k, 40k, 50k, 60k, 65k, 75k, 100k, 125k lbs</b>  <b>10, 25, 35, 45 t</b>



Product	Features	Capacities
<b>Double-Ended Shear-Beam Load Cells</b>		

**65040 Welded Sealed, Stainless Steel**



- Truck and railroad track scales
- Double-ended link loading
- Washdown sealed to IP67, FM
- Stainless steel construction
- Certified to OIML C3
- Certified to NTEP IIII

**50k, 65k, 100k lbs**  
**20, 30, 50 t**

**65058 Steel**



- Truck and railroad track scales
- Tank, bin and silo weighing
- *Unilink™ Center-Link* loading
- Compatible with 65069-TWA and 65058-TSA weighing assembly
- Nickel-plated alloy tool steel, IP67, FM
- Certified to OIML C3
- Certified to NTEP IIII

**10k, 25k, 40k, 50k, 60k, 75k, 100k lbs**

**65058 Welded Sealed, Stainless Steel**



- Truck and railroad track scales
- Tank, bin and silo weighing
- Compatible with 65069-TWA and 65058-TSA weighing assembly
- Stainless steel construction
- Washdown sealed to IP67, FM
- Certified to NTEP IIII

**10k, 25k, 40k, 50k, 60k, 75k, 100k lbs**

**60058 Steel**



- Tank, bin and silo weighing
- Truck scales
- Interchangeable: Vishay Revere 5103
- Nickel-plated alloy tool
- Certified to NTEP IIII
- IP67, FM

**2k (900kg), 5k (2.3t)**  
**10k (4.5t), 20k (9t)**  
**30k (13.6t), 40k (18t)**  
**50k (23t), 60k (27t)**  
**100k (45t), 150k (68t)**  
**200k (90.7t) lbs**

**Weighing Assembly**

**65016-TWA Steel or Stainless Steel**



- Batching, blending and mixing
- ANSI/UBC compliance for seismic and wind loading in many cases
- 65016 steel or welded, stainless steel load cell
- Zinc-plated steel mount or stainless steel mount

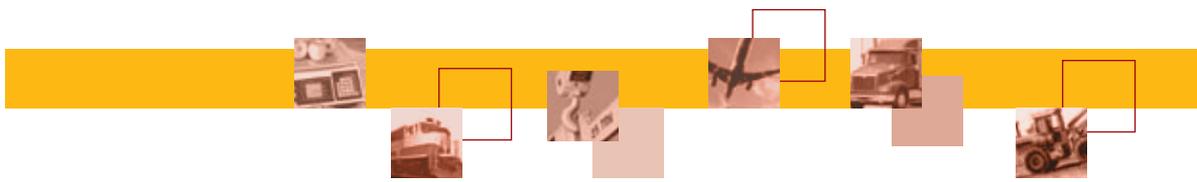
**1k, 1.5k, 2.5k, 5k,**  
**10k, 15k, 25k, 35k, 50k,**  
**75k, 100k, 125k lbs**

**65059-TWA Steel or Stainless Steel**



- Batching, blending and mixing
- Tank, bin and hopper weighing
- 60040/65023 steel or 65023 stainless steel load cell
- Zinc-plated steel mount or stainless steel mount

**Steel: 50, 75, 100, 150, 250,**  
**500, 1k, 1.5k, 2.5k**  
**Stainless Steel: 250, 500,**  
**1k, 1.5k, 2.5k**



Product	Features	Capacities
<b>Weighing Assembly</b>		
<p><b>65080-TWA Welded Sealed, Stainless Steel</b></p> 	<ul style="list-style-type: none"> <li>• Reactor, tank, process vessel weighing</li> <li>• Articulating loading plate</li> <li>• Integral height adjustment</li> <li>• 65083 welded, stainless steel or hermetically sealed load cell</li> <li>• Clean-In-Place design stainless steel mount</li> </ul>	<p><b>1k, 1.5k, 2k, 4k, 5k, 10k, 15k, 20k lbs</b></p>
<p><b>65082-TWA Steel</b></p> 	<ul style="list-style-type: none"> <li>• Reactor, tank, process vessel weighing</li> <li>• Articulating loading plate</li> <li>• Integral height adjustment</li> <li>• 65023 steel or stainless steel load cell</li> <li>• Zinc-plated steel mount or stainless steel mount</li> </ul>	<p><b>250, 500, 1k, 1.5k, 2k, 2.5k, 4k, 5k, 10k, 15k, 20k lbs</b></p>
<p><b>65092-TWA Steel</b></p> 	<ul style="list-style-type: none"> <li>• High-capacity tank, bin, silo weighing</li> <li>• Level and inventory monitoring</li> <li>• Articulating loading plate accommodates non-planar misalignments</li> <li>• 65094 steel load cell</li> <li>• Zinc-plated steel mount</li> </ul>	<p><b>50k, 100k, 200k, 300k lbs</b></p>

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