



VISHAY INTERTECHNOLOGY, INC.

LOAD CELLS

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Vishay Sensortronics

PRODUCT OVERVIEW





Load Cells

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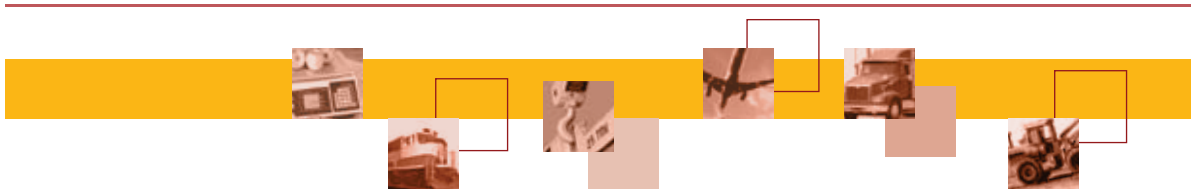
Product	Features	Capacities
Multi-Colum Load Cells		
65088 Welded Sealed, Stainless Steel 	<ul style="list-style-type: none"> • Truck and railroad track scales • Stainless steel construction, IP67, FM • Sideload tolerant monolithic element • Interchangeable: Vishay Revere CSP • Certified to NTEP IIIIL,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



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



Product	Features	Capacities
Double-Ended Shear-Beam Load Cells		
65040 Welded Sealed, Stainless Steel 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Truck and railroad track scales • Tank, bin and silo weighing • <i>Unilink™</i> 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 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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
Weighing Assembly		
<p>65080-TWA Welded Sealed, Stainless Steel</p> 	<ul style="list-style-type: none"> • Reactor, tank, process vessel weighing • Articulating loading plate • Integral height adjustment • 65083 welded, stainless steel or hermetically sealed load cell • Clean-In-Place design stainless steel mount 	<p>1k, 1.5k, 2k, 4k, 5k, 10k, 15k, 20k lbs</p>
<p>65082-TWA Steel</p> 	<ul style="list-style-type: none"> • Reactor, tank, process vessel weighing • Articulating loading plate • Integral height adjustment • 65023 steel or stainless steel load cell • Zinc-plated steel mount or stainless steel mount 	<p>250, 500, 1k, 1.5k, 2k, 2.5k, 4k, 5k, 10k, 15k, 20k lbs</p>
<p>65092-TWA Steel</p> 	<ul style="list-style-type: none"> • High-capacity tank, bin, silo weighing • Level and inventory monitoring • Articulating loading plate accommodates non-planar misalignments • 65094 steel load cell • Zinc-plated steel mount 	<p>50k, 100k, 200k, 300k lbs</p>

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