

VLM2 Value Line

Weigh Modules

Load Cell Specifications

Model Number	713, 793
Capacities	Model 713: 250, 2000 lb Model 793: 500, 1000, 2500 lb
Sensing Method	Cantilever bending beam
Material	Stainless steel
Sealing Method	Hermetic for 793 load cell (IP68 rating) Potting compound for 713 load cell (IP65 rating)
Rated Output	3 mV/V
Combined Error	0.03% of rated capacity
Zero Balance	± 2.0% of rated capacity
Bridge Resistance	Input = 350 ohms; Output = 350 ohms
Maximum Excitation	15 VDC or VAC rms
Cable Length	20 feet / 6.1 meters
Approvals	NTEP Certified to CIII 5000 divisions, CC #97-072/92-108A3 Factory Mutual entity hazardous area approval (USA)



Mounting Hardware

Suspension Type	■ Rigid; mounting plate bolted to load cell.
Anti-Lift Method	■ Threaded connection applies uplift directly to load cell.
Load Cell Removal	■ Relieve load and unbolt upper receiver.
Mounting Hardware Material	■ Zinc-plated carbon steel or stainless steel.
Upper Compression Mount	■ Neoprene elastomeric with cold-rolled steel inserts.

Features

Benefits

Compression Mount	■ Neoprene elastomeric compression mount isolates load cell from vibration and shock.
Overload Stop	■ Built-in overload stop protects load cell from damage.

Contact your local **METTLER TOLEDO** authorized distributor or sales office for more information.

Produced in a facility that is



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Dimensions

Capacity	250 lb		500 lb		1000 lb		2000-2500 lb	
	inches	mm	inches	mm	inches	mm	inches	mm
A	6.00	152.4	6.00	152.4	6.00	152.4	6.00	152.4
B	4.00	101.6	4.00	101.6	4.00	101.6	4.00	101.6
C	3.12	79.2	3.88	98.6	4.00	101.6	4.00	101.6
D	3.88	98.6	5.50	139.7	5.12	130.0	6.25	158.8
E	2.38	60.5	3.38	85.9	3.00	76.2	4.62	117.3
F	0.93	23.6	0.93	23.6	0.93	23.6	0.93	23.6
G	0.50	12.7	0.50	12.7	0.50	12.7	0.50	12.7
H	0.22	5.6	0.25	6.4	0.25	6.4	0.38	9.7
J	3.00	76.2	3.00	76.2	3.00	76.2	3.00	76.2
K	4.00	101.6	4.00	101.6	4.00	101.6	4.00	101.6
L	3.00	76.2	4.12	104.6	4.12	104.6	5.06	128.5
M (dia.)	0.44	11.2	0.44	11.2	0.44	11.2	0.44	11.2
N (dia.)	0.34	8.6	0.56	14.2	0.44	11.2	0.56	14.2
P	1.19	30.2	1.19	30.2	1.38	35.1	1.38	35.1

