

VLM3 Value Line

Weigh Modules

Load Cell Specifications

Model Number	792
Capacities	1000, 2000, 5000, 10,000, 15,000, 25,000, 35,000, 50,000, 75,000 lb
Sensing Method	Dual-ended shear beam
Material	Nickel-plated alloy steel
Sealing Method	Potting compound (IP65 rating)
Rated Output	3 mV/V
Combined Error	0.03% of rated capacity
Zero Balance	± 1.0% of rated capacity
Bridge Resistance	Input = 700 ohms; Output = 700 ohms
Maximum Excitation	15 VDC or VAC rms
Cable Length	20 feet / 6.1 meters
Approvals	Factory Mutual entity hazardous area approval (USA)



Mounting Hardware

Suspension Type	■ Sliding.
Anti-Lift Method	■ Yoke applies uplift directly to load cell.
Mounting Plate Material	■ Painted carbon steel.
Load Cell Removal	■ Relieve load, remove clevis pins, and unbolt yoke.

Features

Benefits

Mounting Hardware	■ Compensates for thermal movement.
Robust Design	■ Self-checking; no check rods required.

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	1000-5000 lb		10,000-35,000 lb		50,000-75,000 lb	
Unit of Measure	inches	mm	inches	mm	inches	mm
A	4.00	101.6	8.00	203.2	9.00	228.6
B	2.75	69.9	6.00	152.4	6.50	165.1
C	6.25	158.8	7.50	190.5	11.50	292.1
D	9.25	235.0	12.00	304.8	16.25	412.8
E	3.75	95.3	6.00	152.4	9.50	241.3
F	5.00	127.0	8.00	203.2	12.00	304.8
G	6.25	158.8	7.50	190.5	11.50	292.1
H	5.11	129.8	7.90	200.7	9.30	236.2
J	0.50	12.7	0.75	19.1	1.00	25.4
K	0.50	12.7	0.75	19.1	1.00	25.4
L (dia.)	0.56	14.3	0.81	20.6	0.81	20.6
M (dia.)	0.56	14.3	0.81	20.6	0.81	20.6
P	1.50	38.1	2.25	57.2	2.38	60.3
R	0.62	15.9	1.00	25.4	1.25	31.8
T	0.62	15.9	1.00	25.4	1.25	31.8
W	0.62	15.9	1.00	25.4	1.25	31.8

