

LOW-CAPACITY PLATFORM LOAD CELLS FOR USE IN INDUSTRIAL WEIGHING

LCAA Series 0-5 lb to 0-50 lb

Starts at
\$475



- ✓ Built-In Overload Stops
- ✓ Calibration Certificate Supplied
- ✓ Rugged, Heat-Treated Steel for Long Life
- ✓ 0.037% FS Accuracy

The LCAA Series consists of heavy-duty, low-profile platform load cells for capacities of 5 to 50 lb. These cells are constructed of nickel-plated tool steel, heat treated for ruggedness and designed to provide maximum resistance to shock loading.

SPECIFICATIONS

Rated Output: 2 mV/V nominal (actual output supplied with each load cell)

Excitation: 10 Vdc (15 Vdc maximum)

Accuracy: ±0.037% FS

Linearity: ±0.03% FS

Hysteresis: ±0.02% FS

Repeatability: ±0.01% FS

Zero Balance: ±2% FS

Creep in 20 min: ±0.03% FS

Operating Temperature:

-18 to 66°C (0 to 150°F)

Compensated Temperature:

-18 to 66°C (0 to 150°F)

Thermal Effects:

Zero: 0.005% FS/°F

Span: 0.0008% rdg/°F

Maximum Load: 150% FS

Platform Size (Not To Exceed):

5 and 10 lb: 6 x 6"

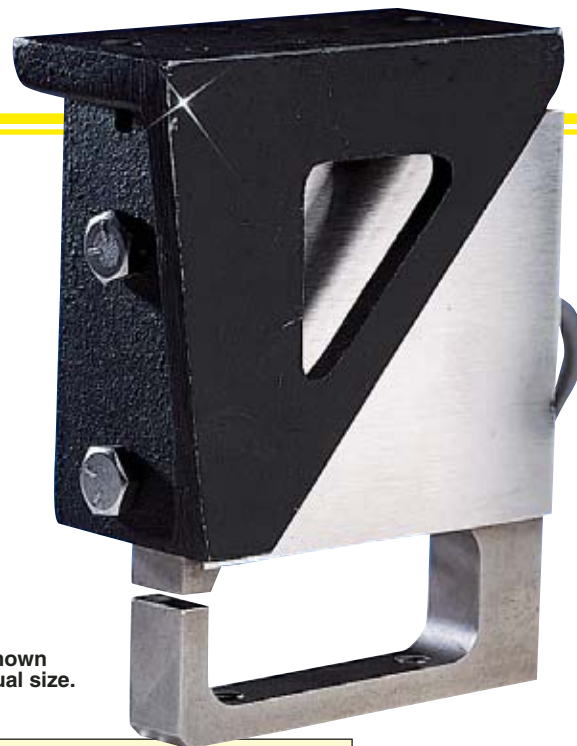
20 and 50 lb: 12 x 12"

Bridge Resistance: 350 Ω nominal

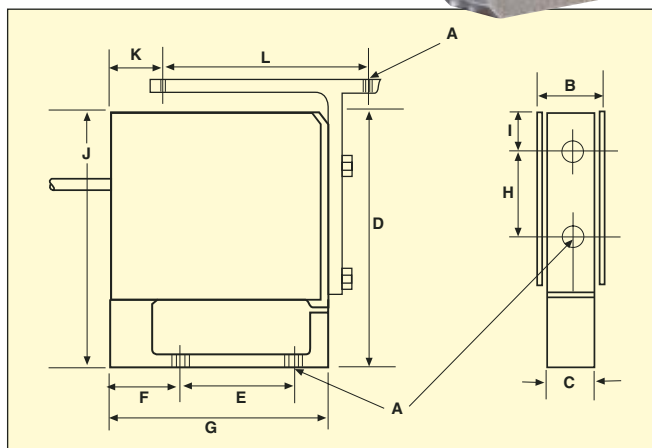
Full Scale Deflection: 0.02" ±0.005"

Construction: Nickel-plated steel

Cable: 3 m (10') 4-conductor shielded 22-gage wire



LCAA-5, \$475, shown smaller than actual size.



Dimensions: mm (in)

Capacity	A	B	C	D	E	F	G	H	I	J	K	L	Comp. Temp	Thermal Sens.	Defl.	Output
5 to 10	¼ to 28	16 (0.62)	13 (0.50)	102 (4.0)	44 (1.75)	25 (1.0)	86 (3.4)	39 (1.52)	17 (0.65)	121 (4.75)	27 (1.06)	70 (2.75)	-18 to 66°C (0 to 150°F)	0.0008% reading/ °F	0.76 (0.030)	2 mV/V
20 to 50	¼ to 28	22 (0.88)	19 (0.75)	102 (4.0)	44 (1.75)	25 (1.0)	86 (3.4)	39 (1.52)	17 (0.65)	121 (4.75)	27 (1.06)	70 (2.75)	-18 to 66°C (0 to 150°F)	0.0008% reading/ °F	0.76 (0.030)	22 mV/V

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

MODEL NO.	PRICE	CAPACITY		WEIGHT	COMPATIBLE METERS*
		lb	kg		
LCAA-5	\$475	5	2.3	1.5 lb	DP2000-S3, DP25B-S, DP41-S
LCAA-10	475	10	4.5	2.0 lb	DP2000-S4, DP25B-S, DP41-S
LCAA-20	510	20	9	2.0 lb	DP2000-S5, DP25B-S, DP41-S
LCAA-50	510	50	23	3.0 lb	DP2000-S3, DP25B-S, DP41-S
OP-17	15	Reference Book: Measure for Measure			

* See section D for compatible meters.

Ordering Example: LCAA-10, 10-lb capacity load cell, \$475.



UNITED STATES

www.omega.com
1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca
Laval(Quebec)
1-800-TC-OMEGA

GERMANY

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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

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• Pressure, Strain and Force

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters