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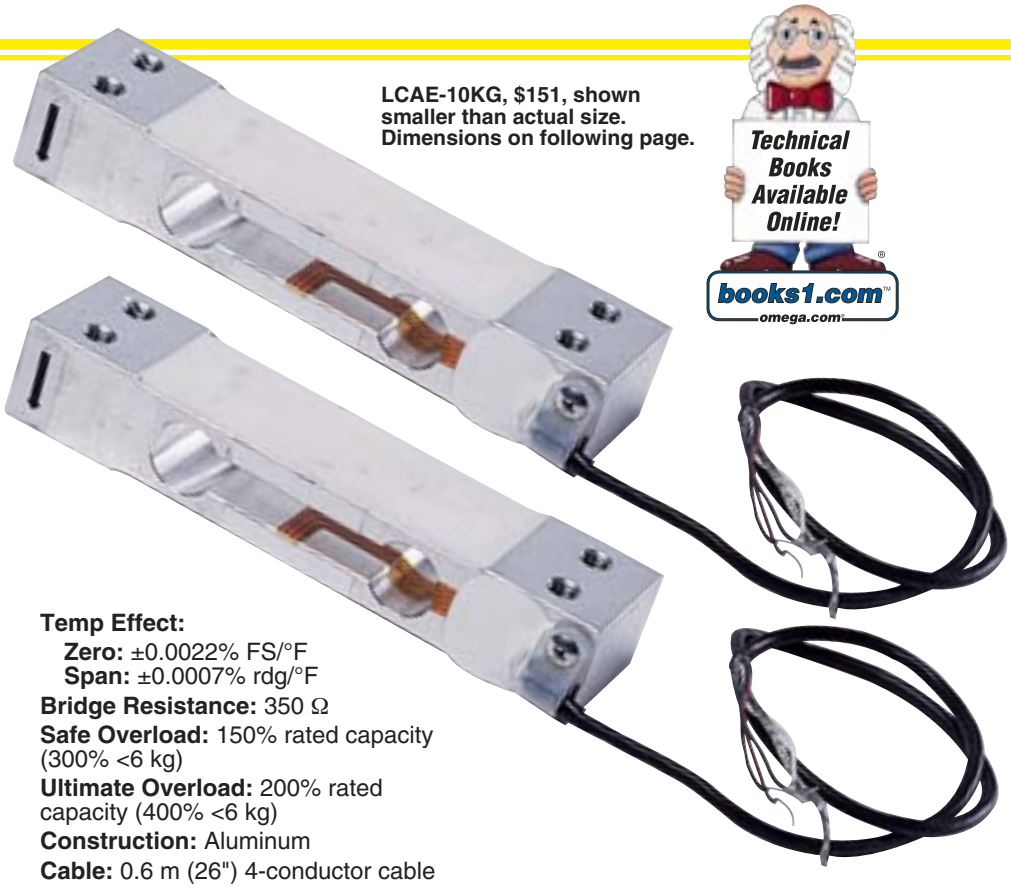
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Find the *OMEGA LCAE-2KG* at our website: ***Click HERE***

ECONOMICAL, OEM-STYLE SINGLE-POINT LOAD CELLS

LCAE Series
Single Point
0-0.6 kg to 0-200 kg
0-1.3 lb to 0-440 lb

Starts at $136



LCAE-10KG, $151, shown smaller than actual size. Dimensions on following page.

- **Single-Point Load Cell Simplifies Scale Design and Reduces Cost**
- **Moisture Resistant for Use in Damp Environments**
- **Aluminum Construction**
- **Available in Ranges from 600 g to 200 kg**

OMEGA's LCAE Series consists of low-cost, highly accurate, single-point load cells, ideal for OEM applications such as electronic scales and weighing machines. The single-point design is highly resistant to eccentric loading, allowing direct mounting to the scale base and weighing platform. The LCAE Series features a moisture-proof sealant and is available in ranges from 600 g to 200 kg.

SPECIFICATIONS

Full Scale Output (User Must Calibrate to Eliminate 10% Tolerance): 2 mV/V ±10% (1 mV/V ±10% <6 kg)
Excitation: 10 Vdc (15 Vdc max)
Non-Linearity: ±0.015% FS (0.02% <6 kg)
Hysteresis: ±0.015% FS (0.02% <6 kg)
Non-Repeatability: ±0.02% FS
Zero Balance: ±5% FS
Creep/Creep Recovery: 0.02% FS
Operating Temperature: -10 to 50°C (14 to 122°F)
Compensated Temperature: -10 to 50°C (14 to 122°F)
Temp Effect:
Zero: ±0.0022% FS/°F
Span: ±0.0007% rdg/°F
Bridge Resistance: 350 Ω
Safe Overload: 150% rated capacity (300% <6 kg)
Ultimate Overload: 200% rated capacity (400% <6 kg)
Construction: Aluminum
Cable: 0.6 m (26") 4-conductor cable

MOST POPULAR MODELS HIGHLIGHTED!

To Order *(Specify Model Number)*

CAPACITY lb	CAPACITY kg	MODEL NO.	PRICE	DIM.	COMPATIBLE METERS*
1.3	0.6	**LCAE-600G**	**$136**	Figure 1	DP25B-S, DP41-S, DP87
2.2	1	**LCAE-1KG**	**136**	Figure 1	DP25B-S, DP41-S, DP87
4.4	2	**LCAE-2KG**	**136**	Figure 1	DP25B-S, DP41-S, DP87
6.6	3	**LCAE-3KG**	**136**	Figure 1	DP25B-S, DP41-S, DP87
13	6	**LCAE-6KG**	**151**	Figure 2	DP25B-S, DP41-S, DP87
22	10	**LCAE-10KG**	**151**	Figure 2	DP25B-S, DP41-S, DP87
26	12	**LCAE-12KG**	**151**	Figure 2	DP25B-S, DP41-S, DP87
33	15	**LCAE-15KG**	**151**	Figure 2	DP25B-S, DP41-S, DP87
44	20	**LCAE-20KG**	**151**	Figure 2	DP25B-S, DP41-S, DP87
55	25	**LCAE-25KG**	**183**	Figure 2	DP25B-S, DP41-S, DP87
66	30	**LCAE-30KG**	**183**	Figure 2	DP25B-S, DP41-S, DP87
77	35	**LCAE-35KG**	**183**	Figure 2	DP25B-S, DP41-S, DP87
99	45	**LCAE-45KG**	**226**	Figure 3	DP25B-S, DP41-S, DP87
132	60	**LCAE-60KG**	**226**	Figure 3	DP25B-S, DP41-S, DP87
220	100	**LCAE-100KG**	**226**	Figure 3	DP25B-S, DP41-S, DP87
440	200	**LCAE-200KG**	**226**	Figure 4	DP25B-S, DP41-S, DP87

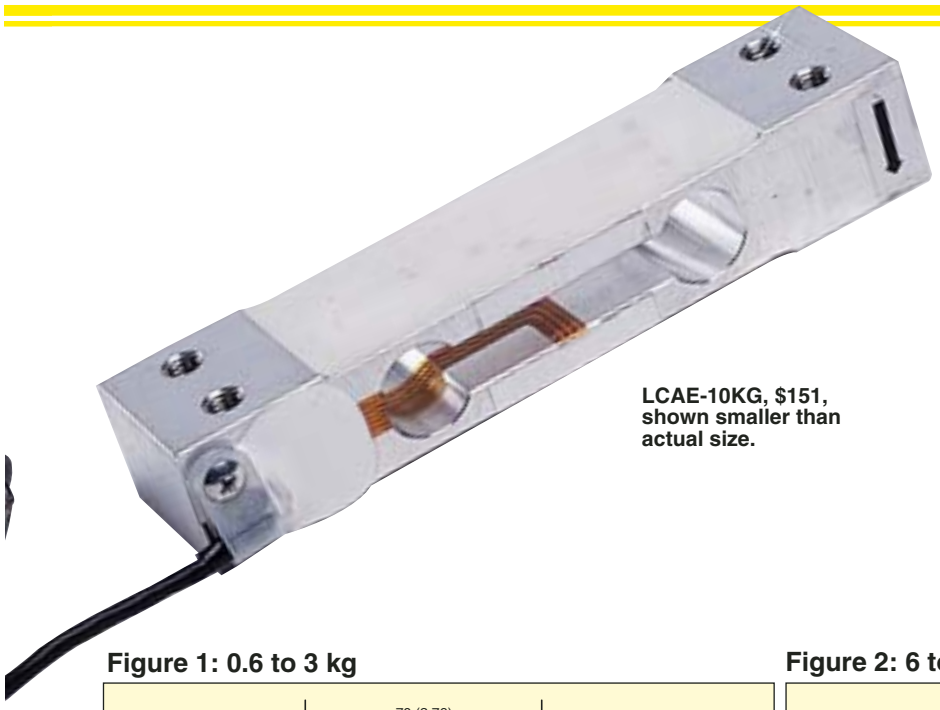
** See section D for compatible meters.*
Ordering Example: LCAE-100KG,** single-point load cell with 100 kilogram capacity, **$226.

ACCESSORY

MODEL NO.	PRICE	DESCRIPTION
OP-17	**$15**	Reference Book: Measure for Measure

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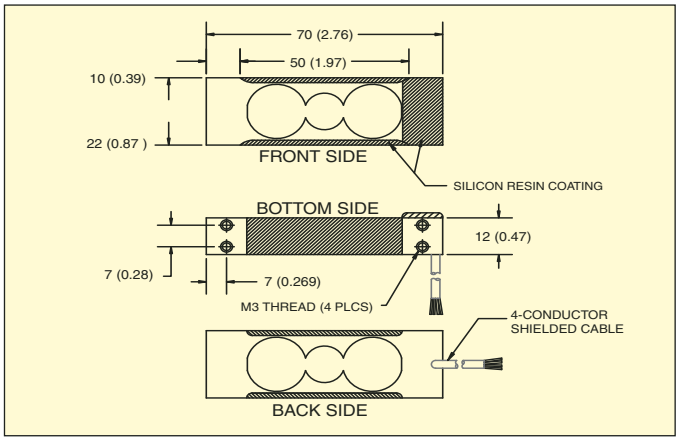
DIMENSIONS FOR LCAE SERIES



LCAE-10KG, $151, shown smaller than actual size.

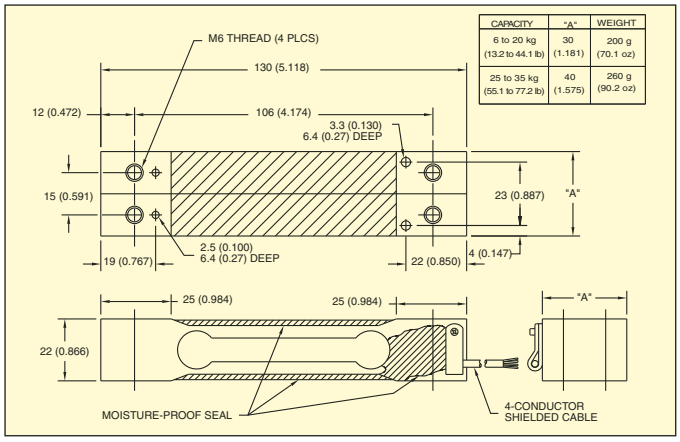
CAPACITY kg (lb)	WEIGHT g (oz)	MAXIMUM PLATFORM SIZE mm (in)
0.6 to 3 (1.32 to 6.61)	36 (1.3)	200 x 200 (7.8 x 7.8)
6 to 20 (13.2 to 44.1)	201 (7.1)	300 x 300 (11.8 x 11.8)
25 to 35 (55.1 to 77.2)	261 (9.2)	300 x 300 (11.8 x 11.8)
45 to 100 (99.2 to 221)	320 (11.3)	400 x 400 (15.7 x 15.7)
200 (441)	454 (16)	400 x 400 (15.7 x 15.7)

Figure 1: 0.6 to 3 kg



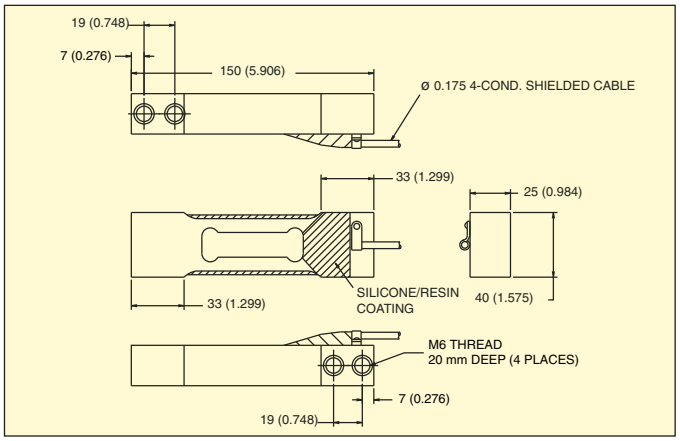
Dimensions: mm (in)

Figure 2: 6 to 35 kg



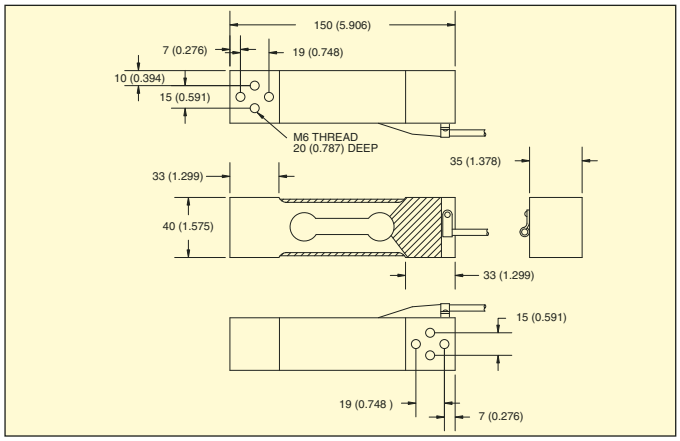
Dimensions: mm (in)

Figure 3: 45 to 100 kg



Dimensions: mm (in)

Figure 4: 200 kg



Dimensions: mm (in)

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