



**\$480**

Model Shown

**LC305 Series  
Compression**

**0-25 to 0-20,000 lb  
0-100 to 0-90,000 N**

1 Newton = 0.2248 lb  
1 daNewton = 10 Newtons  
1 lb = 454 g  
1 t = 1000 kg = 2204 lb

- ☑ FM/CSA Intrinsically Safe
- ☑ Rugged Heavy Duty Design
- ☑ Built in Load Button for Easy Installation
- ☑ 5-POINT NIST Calibration Provided

The OMEGADYNE™ LC305 Load Cells are heavy duty miniature (2" diameter) compression load cells. FM/CSA Intrinsically Safe Rating is standard. Their small size and low profile make them ideal for test benches, prototype structures and industrial weighing applications.

**SPECIFICATIONS:**

**Rated Output:** 2 mV/V  
**Excitation:** 10 Vdc, 15 Vdc max  
**Accuracy Class:** ±0.15% FSO  
Calibrated at 0%, 50%, 100%, 50%, 0%  
**Linearity:** ±0.15% FSO  
**Hysteresis:** ±0.1% FSO  
**Repeatability:** ±0.05% FSO

**For Sales and Service  
In U.S.A. and Canada**

**1-800-872-3963<sup>SM</sup>  
1-800-USA-DYNE**

International Customers Dial  
**(614) 965-9340**  
24-Hour FAX (614) 965-9438

**OMEGADYNE<sup>SM</sup> FAX**

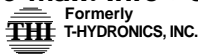
OMEGADYNE's 24-Hour  
On-Line Publishing Service

**1-800-344-3963<sup>SM</sup>  
1-800-DIG-DYNE**

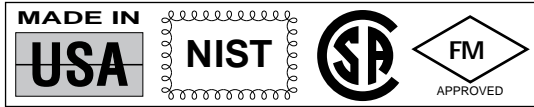
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**SPEC SHEET  
LC305**

Interchangeable with  
**Model TH-CM**

# LOW PROFILE MINIATURE STAINLESS COMPRESSION LOAD CELL with Mounting Holes



**Optional Configurations**

Suffix	Description
-SB	solid base (no mtg holes) n/c
-B1	1000 ohm bridge +\$25
-xxFT	extra cable length +\$2/ft

**Agency Approvals:** FM/CSA  
IS/I.II.III/1/CDEFG – Standard  
**Zero Balance:** ±2% FSO  
**Operating Temp Range:**  
-46 to 107°C (-50 to 225°F)  
**Compensated Temp. Range:**  
16 to 71°C (60 to 160°F)  
**Thermal Effects:**  
Zero: 0.0025% FSO/°F

► **Most Popular Models Highlighted** ◀

Prices Shown in U.S. Dollars

To Order: (Specify Model Number)			
Capacity (lb)	Model Number	Price	Compatible Meters
0-25	LC305-25	\$480	INFW, INFS, INFCS
0-50	LC305-50	480	INFW, INFS, INFCS
0-100	LC305-100	480	INFW, INFS, INFCS
0-200	LC305-200	480	INFW, INFS, INFCS
0-500	LC305-500	480	INFW, INFS, INFCS
0-1,000	LC305-1K	480	INFW, INFS, INFCS
0-2,000	LC305-2K	480	INFW, INFS, INFCS
0-2,500	LC305-2.5K	480	INFW, INFS, INFCS
0-5,000	LC305-5K	480	INFW, INFS, INFCS
0-8,000	LC305-8K	480	INFW, INFS, INFCS
0-10,000	LC305-10K	480	INFW, INFS, INFCS
0-20,000	LC305-20K	480	INFW, INFS, INFCS*

\*4-Digit meter  
Interchangeable with Model TH-CM

**Ordering Examples:** 1.) LC305-100 is a 100 lb capacity load cell, \$480.  
2.) LC305-5K-SB is a 5,000 lb capacity load cell with a solid base, \$480.

Metric Ranges Available - Consult Engineering

Printed On Recycled Paper

