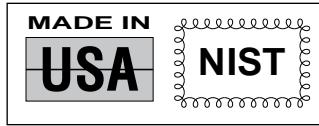


\$375
Model Shown



Interchangeable with
Model TH-CMM2

SPEC SHEET
LC307

SUBMINIATURE HIGH CAPACITY "TOP HAT" LOAD CELL

LC307 Series Compression

0-250 to 0-10,000 lb
0-1,000 to 0-40,000 N

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

Small in size, but not in performance, the Series LC307 Top Hat load cells are designed for applications with minimum space and high capacity loads up to 10,000 lb. Rugged all stainless steel construction and high performance strain gages assure superior linearity and stability. Temperature compensation is achieved through a miniature circuit board in the load cell's cable. These units are designed to be mounted on a smooth, flat surface.

SPECIFICATIONS:

Excitation: 5 Vdc
Output: 1.5 mV/V nominal
Accuracy Class: 1% FSO Linearity, Hysteresis and Repeatability combined
Calibrated at 0%, 50%, 100%, 50%, 0%
Zero Balance: 2% FSO
Operating Temp Range:
-54 to +121°C (-65 to +250°F)
Compensated Temp Range:
+15 to +71°C (+60 to +160°F)
Thermal Effects:
Span: ±0.01% of Rdg/°F
Zero: ±0.01% of FSO/°F

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

1-800-872-3963SM
1-800-USA-DYNE

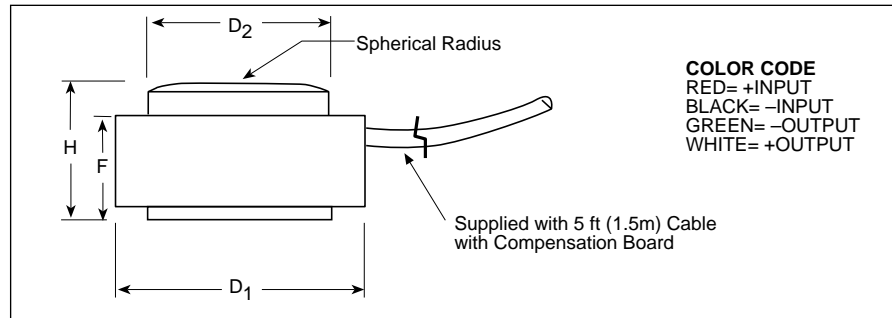
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OMEGADYNE, Inc.
149 Stelzer Court, Sunbury, OH 43074
<http://www.omegadyne.com>
e-mail: info@omegadyne.com

Formerly
T-HYDRONICS, INC.

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Dimensions Shown in Inches (mm)

| Capacity (lb) | D1 | D2 | H |
|---------------|-----------|------------|------------|
| 250 | 0.50 (13) | 0.27 (6.9) | 0.38 (9.7) |
| 500 | 0.50 (13) | 0.28 (7.1) | 0.38 (9.7) |
| 1,000 | 0.50 (13) | 0.31 (7.9) | 0.38 (9.7) |
| 2,000 | 0.50 (13) | 0.41 (10) | 0.38 (9.7) |
| 3,000 | 0.50 (13) | 0.45 (11) | 0.38 (9.7) |
| 5,000 | 0.63 (16) | 0.53 (13) | 0.60 (15) |
| 7,500 | 0.88 (22) | 0.67 (17) | 0.63 (16) |
| 10,000 | 0.88 (22) | 0.76 (19) | 0.63 (16) |
| 50,000 | 1.75 (44) | 1.25 (32) | 1.38 (35) |
| 100,000 | 2.00 (51) | 1.50 (38) | 1.63 (41) |

Safe Overload: 150% of Capacity
Ultimate Overload: 300% of Capacity
Bridge Resistance: 350 ohms

Full Scale Deflection: 0.001" to 0.003"
Electrical Connection: 5 ft (1.5 m) 4-conductor cable with compensation board

► Most Popular Models Highlighted ◀

Prices Shown in U.S. Dollars

| To Order: (Specify Model Number) | | | |
|----------------------------------|--------------|-------|--------------------|
| Capacity (lb) | Model Number | Price | Compatible Meters |
| 0-250 | LC307-250 | \$375 | INFW, INFS, INFCS |
| 0-500 | LC307-500 | 375 | INFW, INFS, INFCS |
| 0-1000 | LC307-1K | 375 | INFW, INFS, INFCS |
| 0-2000 | LC307-2K | 375 | INFW, INFS, INFCS |
| 0-3000 | LC307-3K | 375 | INFW, INFS, INFCS |
| 0-5000 | LC307-5K | 460 | INFW, INFS, INFCS |
| 0-7500 | LC307-7.5K | 460 | INFW, INFS, INFCS |
| 0-10,000 | LC307-10K | 460 | INFW, INFS, INFCS |
| 0-50,000 | LC307-50K | 575 | INFW, INFS, INFCS* |
| 0-100,000 | LC307-100K | 575 | INFW, INFS, INFCS* |

Interchangeable with Model TH-CMM2

Metric Ranges Available—Consult Engineering.

Ordering Examples: 1.) LC307-5K is a 5,000 capacity TOP HAT load cell, \$460.
2.) LC307-500 is a 500 lb capacity TOP HAT load cell, \$375.

*4-Digit meter

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