

SPEC SHEET
LC321

*Interchangeable with
Model TH-UM2*

\$480

Model Shown

**LC321 Series
Compression**

0-250 to 0-2,000 lb

0-1,000 to 0-9,000 N

1 Newton = 0.2248 lb

1 daNewton = 10 Newtons

1 lb = 454 g

1 t = 1000 kg = 2204 lb

- ☑ **Miniature Package for Robotic Applications, 1.5" (38 mm) Diameters**
- ☑ **Threaded Hole Mounting for Easy Installation**
- ☑ **5-Point NIST Calibration Provided**
- ☑ **Ultra-low Profile**

The OMEGADYNE™ LC321 Series compression load cells offer a broad load range, a threaded through mounting hole, and an ultra-low profile for easy installation. Their all stainless steel construction and rugged design assures long life and high reliability in industrial environments.

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

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

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

OMEGADYNESM FAX

OMEGADYNE's 24-Hour
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OMEGADYNE, Inc. ➔

149 Stelzer Court, Sunbury, OH 43074

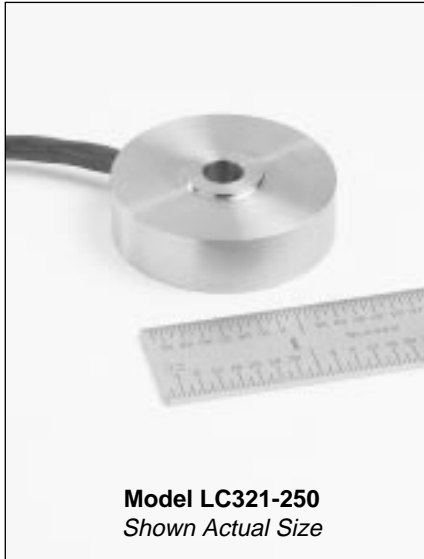
<http://www.omegadyne.com>

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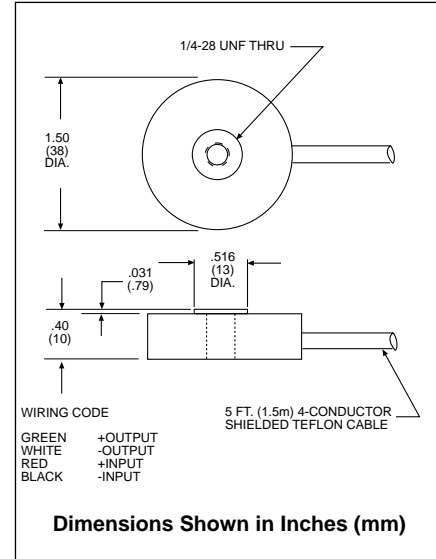


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SUBMINIATURE COMPRESSION LOAD CELL with Threaded Mounting Hole



Model LC321-250
Shown Actual Size



SPECIFICATIONS:

Output: 2 mV/V

Excitation: 10 Vdc, 15 Vdc max

Accuracy: ±2.0% FSO Linearity, Hysteresis, 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:

+16 to 71°C (+60 to 160°F)

Thermal Effects:

Zero: 0.005% FSO/°F

Span: 0.010% Rdg/°F

Safe Overload: 150% of Capacity

Ultimate Overload: 300% of Capacity

Input Resistance: 360 ohms minimum

Output Resistance: 350 ±5 ohms

Construction: Stainless Steel

Electrical: 5 ft (1.5m) 4-conductor shielded Teflon cable

➔ **Most Popular Models Highlighted** ◀

Prices Shown in U.S. Dollars

To Order: (Specify Model Number)			
Capacity (lb)	Model Number	Price	Compatible Meters
0-250	LC321-250	\$480	INFW, INFS, INFCS
0-500	LC321-500	480	INFW, INFS, INFCS
0-750	LC321-750	480	INFW, INFS, INFCS
0-1000	LC321-1K	480	INFW, INFS, INFCS
0-2000	LC321-2K	480	INFW, INFS, INFCS

Interchangeable with Model TH-UM2

Metric Ranges Available -Consult Engineering

Ordering Examples: 1.) LC321-250 is a 250 lb capacity subminiature compression load cell, \$480. 2.) LC201-1K is a 1000 lb capacity subminiature compression load cell, \$480.

Look for OMEGADYNE Products on the World Wide Web!

<http://www.omegadyne.com>

e-mail: info@omegadyne.com

Printed On Recycled Paper

