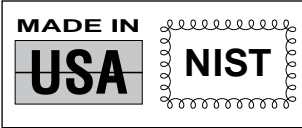




\$480
Model Shown



Interchangeable with **SPEC SHEET**
Series TH-DL **LC8300**

COMPACT THROUGH-HOLE LOAD CELLS 3.00 INCH O.D.

LC8300 Series Compression

0-1,000 to 0-100,000 lb
0-4,000 to 0-400,000 N

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

- ✓ Low Profile
- ✓ All Stainless Steel Construction
- ✓ Rugged Industrial Design

The LC8300 Series Donut Load Cells are an economical solution to applications requiring a through-hole design. With their extremely low profile and compact design these load cells are ideal for applications such as clamping forces, bolt loading forces and other compressive loads. These Series with their all stainless steel construction and environmental protection have a proven reliability in tough industrial applications.

SPECIFICATIONS:

Output: 2 mV/V nominal
Input: 10 Vdc (15V max)
Accuracy Class: 0.5% FSO
Linearity: ±0.5% FSO
Repeatability: ±0.1% FSO
Zero Balance: ±2.0% FSO
Operating Temp. Range:
-54 to +121°C (-65 to +250°F)
Compensated Temp. Range:
+16 to +71°C (+60 to +160°F)

**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

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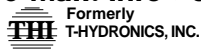
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149 Stelzer Court, Sunbury, OH 43074

<http://www.omegadyne.com>

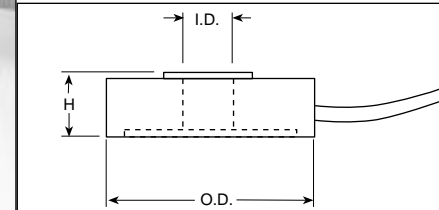
e-mail: info@omegadyne.com



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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
Full Scale Deflection: 0.003" nominal



Dimensions Shown in Inches (mm)

Model	O.D.	H	Wire	Connection
LC8300	3.00 (76)	1.0* (25)	GN	+Output
			WT	-Output
			BK	-Input
			RD	+Input

* Lower Heights
Available as Custom
Configurations

Construction: 17-4 PH Stainless Steel
Electrical: 5 ft (1.5m) 4-conductor
shielded Teflon cable

Capacity	Available Inside Diameters (I.D.)											
	.250"	.375"	.500"	.625"	.750"	.875"	.938"	1.00"	1.13"	1.25"	1.38"	1.50"
1,000	X	X	X	X	X	X	X	X	X	X	X	X
2,000	X	X	X	X	X	X	X	X	X	X	X	X
3,000	X	X	X	X	X	X	X	X	X	X	X	X
5,000		X	X	X	X	X	X	X	X	X	X	X
7,500		X	X	X	X	X	X	X	X	X	X	X
10,000		X	X	X	X	X	X	X	X	X	X	X
15,000			X	X	X	X	X	X				
20,000			X	X	X	X	X	X				
30,000			X	X	X	X	X	X				
40,000			X	X	X	X	X	X				
50,000			X	X	X	X	X	X				
75,000			X	X	X	X	X	X				
100,000			X	X	X	X	X	X				

► Most Popular Models Highlighted ◀

Prices Shown in U.S. Dollars

To Order: (Specify Model Number)				
Capacity (lb)	Model Number	Price	Compatible Meters	
Model LC8300 with a 3.00" O.D. and Selectable I.D.				
0-1,000	LC8300-[]-1K	\$480	INFW, INFS, INFCS	
0-2,000	LC8300-[]-2K	480	INFW, INFS, INFCS	
0-3,000	LC8300-[]-3K	480	INFW, INFS, INFCS	
0-4,000	LC8300-[]-4K	480	INFW, INFS, INFCS	
0-5,000	LC8300-[]-5K	480	INFW, INFS, INFCS	
0-7,500	LC8300-[]-7.5K	480	INFW, INFS, INFCS	
0-10,000	LC8300-[]-10K	480	INFW, INFS, INFCS	
0-20,000	LC8300-[]-20K	650	INFW, INFS, INFCS	
0-30,000	LC8300-[]-30K	650	INFW, INFS, INFCS	
0-40,000	LC8300-[]-40K	650	INFW, INFS, INFCS	
0-50,000	LC8300-[]-50K	650	INFW, INFS, INFCS	
0-75,000	LC8300-[]-75K	750	INFW, INFS, INFCS	
0-100,000	LC8300-[]-100K	750	INFW, INFS, INFCS	

Interchangeable with Series TH-DL

Metric Ranges Available-Consult Engineering.

Ordering Example: Select I.D. From table to complete Model Number

1.) LC8300-750-2K is a 2,000 lb capacity load cell with 3.00" O.D. and 0.75" I.D., \$480.

2.) LC8300-750-100K is a 100,000 lb capacity load cell with 3.00" O.D. and 0.75" I.D., \$750.

3.) LC8300-1.25-10K is a 10,000 lb capacity load cell with 3.00" O.D. and 1.25" I.D., \$480.

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