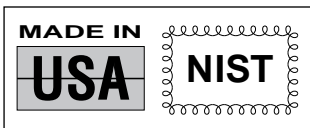




\$480
Model Shown



Interchangeable with
Series TH-DL

SPEC SHEET
LC8250

COMPACT THROUGH-HOLE LOAD CELLS 2.50 INCH O.D.

LC8250 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 LC8250 Series Doughnut 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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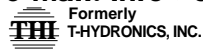
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OMEGADYNE, Inc.

149 Stelzer Court, Sunbury, OH 43074

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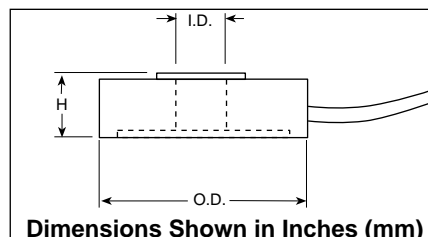
e-mail: info@omegadyne.com



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Model LC8250-250-2K
Shown Smaller than
Actual Size



Dimensions Shown in Inches (mm)

Model	O.D.	H	Wire	Connection
LC8250	2.50 (64)	1.0* (25)	GN	+Output
			WT	-Output
			BK	-Input
			RD	+Input

* Lower Heights
Available as Custom
Configurations

Construction: 17-4 PH Stainless Steel

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

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

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 LC8250 with a 2.50" O.D. and Selectable I.D.			
0-1,000	LC8250-[]-1K	\$480	INFW, INFS, INFCS
0-2,000	LC8250-[]-2K	480	INFW, INFS, INFCS
0-3,000	LC8250-[]-3K	480	INFW, INFS, INFCS
0-4,000	LC8250-[]-4K	480	INFW, INFS, INFCS
0-5,000	LC8250-[]-5K	480	INFW, INFS, INFCS
0-7,500	LC8250-[]-7.5K	480	INFW, INFS, INFCS
0-10,000	LC8250-[]-10K	480	INFW, INFS, INFCS
0-20,000	LC8250-[]-20K	650	INFW, INFS, INFCS
0-30,000	LC8250-[]-30K	650	INFW, INFS, INFCS
0-40,000	LC8250-[]-40K	650	INFW, INFS, INFCS
0-50,000	LC8250-[]-50K	650	INFW, INFS, INFCS
0-75,000	LC8250-[]-75K	750	INFW, INFS, INFCS
0-100,000	LC8250-[]-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.) LC8250-750-2K is a 2,000 lb capacity load cell with 2.50" O.D. and 0.750" I.D., \$480.

2.) LC8250-250-10K is a 10,000 lb capacity load cell with 2.50" O.D. and 0.250" I.D., \$480.

3.) LC8250-1.25-20K is a 20,000 lb capacity load cell with 2.50" O.D. and 1.25" I.D., \$650.

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