

Interchangeable with
Series TH-DL

SPEC SHEET
LC8150

LOW PROFILE THROUGH-HOLE LOAD CELLS 1.50 inch O.D.

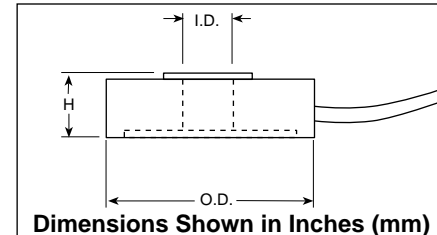
LC8150 Series Compression

0-500 to 0-5,000 lb
0-1,000 to 0-20,000 N

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

\$480
Model Shown

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



Model	O.D.	H	Wire	Connection
LC8150	1.50 (38)	0.50 (13)	GN	+Output
			WT	-Output
			BK	-Input
			RD	+Input

The LC8150 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)

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

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

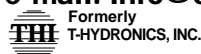
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	Inside Diameters (I.D)		+ = Most Popular			X = Available	
	0.100"	0.125"	0.200"	0.250"	0.312"	0.375"	0.500"
LC8150	X	X	X	+	X	+	X

► Most Popular Models Highlighted ◀

Prices Shown in U.S. Dollars

To Order: (Specify Model Number)			
Capacity (lb)	Model Number	Price	Compatible Meters
Model LC8150 with a 1.50" O.D. and Selectable I.D.			
0-100	LC8150-[J]-100	\$480	INFW, INFS, INFCS
0-250	LC8150-[J]-250	480	INFW, INFS, INFCS
0-500	LC8150-[J]-500	480	INFW, INFS, INFCS
0-1,000	LC8150-[J]-1K	480	INFW, INFS, INFCS
0-2,000	LC8150-[J]-2K	480	INFW, INFS, INFCS
0-3,000	LC8150-[J]-3K	480	INFW, INFS, INFCS
0-5,000-	LC8150-[J]-5K	480	INFW, INFS, INFCS

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Metric Ranges Available-Consult Engineering.

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

- 1.) LC8150-100-250 is a 250 lb capacity load cell with 1.50" O.D. and 0.100" I.D., \$480.
- 2.) LC8150-125-100 is a 100 lb capacity load cell with 1.50" O.D. and 0.125" I.D., \$480.
- 3.) LC8150-200-2K is a 2,000 lb capacity load cell with 1.50" O.D. and 0.200" I.D., \$480.
- 4.) LC8150-375-500 is a 500 lb capacity load cell with 1.50" O.D. and 0.375" I.D., \$480.

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